



GE
159 Plastics Avenue
Pittsfield, MA 01201
USA

Transmitted Via Overnight Delivery

March 10, 2005

Mr. William P. Lovely, Jr.
U.S. Environmental Protection Agency
EPA New England (MC HBO)
One Congress Street, Suite 1100
Boston, Massachusetts 02114-2023

**Re: GE-Pittsfield/Housatonic River Site
Floodplain Residential and Non-Residential Properties Adjacent to 1½ Mile Reach of
Housatonic River (*GECD710 and GECD720*)
Second Interim Pre-Design Investigation Report - Phase 3 Floodplain Properties,
Groups 3C and 3D**

Dear Mr. Lovely:

Between November 16 and December 9, 2004, the General Electric Company (GE) performed pre-design soil investigations for several properties located within the floodplain adjacent to the 1½ Mile Reach of the Housatonic River that have been identified as being in Phase 3 of the 1½ Mile Floodplain Removal Action Areas (RAAs). These properties are divided into four groups (Groups 3A, 3B, 3C, and 3D), as depicted on Figure 1. All of these properties are residential, and the portions subject to GE's investigations consist of the Actual/Potential Lawns of these properties (as defined in the Consent Decree [CD]), which exclude the river banks being addressed by the U.S. Environmental Protection Agency (EPA) as part of its 1½ Mile Reach Removal Action.

The above-referenced pre-design investigations were performed by GE in accordance with an October 21, 2004 document titled *Interim Pre-Design Investigation Report Addendum for Phase 3 Floodplain Properties, Groups 3A, 3B, 3C, and 3D* (Interim PDI Report Addendum) and a letter from EPA to GE dated November 3, 2004 conditionally approving that Addendum. The Interim PDI Report Addendum also depicted the evaluation/averaging areas at these properties to be used in Removal Design/Removal Action (RD/RA) evaluations, and it proposed the depth of soil (represented as "X" feet below ground surface) to be used in those evaluations at each such area. However, EPA's November 3, 2004 conditional approval letter stated EPA's view that it is not appropriate to define those "X" values until all PCB data are available, and it instructed GE to re-propose the "X" values in its next submission.

In accordance with the Interim PDI Report Addendum and EPA's November 3, 2004 conditional approval letter, GE submitted a Second Interim PDI Report for the properties in Groups 3A and 3B of Phase 3 on February 10, 2005. GE is submitting the present letter as a Second Interim PDI Report for the properties in Groups 3C and 3D of Phase 3.

The remainder of this letter provides the following information for the Group 3C and 3D properties: (a) a description of the pre-design sampling performed at these properties in November and December 2004 and a summary of the overall sampling results, from that and prior investigations, for polychlorinated biphenyls (PCBs) and certain non-PCB constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents (benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine) (Appendix IX+3); (b) a re-proposal of the "X" values to be used to represent the depth of soil to be subject to RD/RA evaluations at each evaluation area; (c) an assessment of the need for additional sampling for PCBs and non-PCB constituents; and (d) a proposed schedule for further activities at these groups of properties.

A. Summary of November and December 2004 Soil Investigations

PCB Investigations

PCB soil investigations conducted in November and December 2004 at the Group 3C and 3D floodplain properties involved the collection and PCB analysis of 13 soil samples from 8 locations. The PCB sample locations, frequencies, and depths were consistent with those identified in the approved Interim PDI Report Addendum. PCB data associated with the above-referenced samples are summarized in Table 1 and are also presented on Figures 2 and 3 for Groups 3C and 3D, respectively. In addition, the PCB data collected by GE and EPA prior to the November and December 2004 investigations are presented on these same figures. The need for additional PCB investigations within the Group 3C and 3D floodplain properties is discussed in Part C of this letter. (Note that Figures 2 and 3 have been updated to include information obtained during recent site survey activities conducted by GE.) Soil boring logs associated with these investigations are included in Appendix A.

Non-PCB Investigations

Soil investigations conducted in November and December 2004 for non-PCB Appendix IX+3 constituents at the Group 3C and 3D floodplain properties involved the collection and analysis of 67 soil samples from 31 locations for Appendix IX+3 semi-volatile organic compounds (SVOCs), inorganics, and polychlorinated dibenzo-p-dioxins and polychlorinated dibenzofurans (PCDDs/PCDFs). (In accordance with the approved Interim PDI Report Addendum, non-PCB investigations did not include sampling and analyses for volatile organic compounds [VOCs], pesticides, or herbicides.) The non-PCB sample locations, frequencies, analyses, and depths were consistent with those identified in the approved Interim PDI Report Addendum and Condition No. 2 of EPA's November 3, 2004 conditional approval letter. Soil boring logs associated with these investigations are included in Appendix A.

The non-PCB data collected during the above-referenced investigations at the Group 3C and 3D properties are summarized in Tables 2 and 3, respectively. In addition, the historical non-PCB data collected by GE and EPA prior to the November and December 2004 investigations are presented in Tables 4 through 6. (Note that EPA has not conducted non-PCB investigations at the Group 3D properties.) The non-PCB sample locations within the Group 3C and 3D properties are shown on Figures 4 and 5, respectively. The need for additional non-PCB investigations is further discussed in Part C of this letter.

Data Validation

The analytical results from the November and December 2004 investigations within the Group 3C and 3D properties have undergone data review validation in accordance with Section 7.5 of the *Field Sampling Plan/Quality Assurance Project Plan* (FSP/QAPP) and the results of the data validation are presented in Appendix B. As discussed in that report, 99.2% of the analytical results obtained during the

investigations conducted at the Group 3C and 3D properties in November and December 2004 are considered usable, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP.

B. Proposed Evaluation Depths for Future RD/RA Activities

In accordance with EPA's November 3, 2004 conditional approval letter, GE has reviewed the available PCB data for the Group 3C and 3D floodplain properties and developed an "X" value (in feet below ground surface) for each evaluation area to represent the anticipated depth to be used during future RD/RA evaluations. Consistent with previous discussions with EPA, for each evaluation area, GE has selected a single depth as "X" to be applied across the entire evaluation area and the "X" depth was selected to include all or the majority of detected PCB concentrations in the soil. GE's proposed determination of the "X" depth for each evaluation area, along with the supporting rationale, is provided in Table 7.

C. Assessment of Additional Data Needs

GE has reviewed the available PCB and non-PCB data to determine whether additional sampling is needed to define the extent of these constituents in soils within the Group 3C and 3D properties or to support RD/RA evaluations for these properties. The results of this review are described below.

PCBs

Upon review of the PCB data presented on Figures 2 and 3, GE has concluded that the horizontal and vertical extent of PCBs within the Group 3C and 3D floodplain properties has been sufficiently defined to support future RD/RA evaluations, and that hence no additional PCB sampling at these properties is warranted.

In this connection, it should be noted that, during its preliminary review of the available PCB data, GE identified one location in the back portion of Parcel I7-99-000 – sample location 3D-SB-26 – near the river bank, where PCBs were detected within the deepest increment sampled, the 6- to 8-foot depth increment, at 12 parts per million (ppm). GE and EPA have discussed this sample result and have agreed that the detection of 12 ppm within the 6- to 8-foot depth increment at location 3D-SB-26 does not warrant extending the "X" value for RD/RA evaluations beyond 6 feet (Table 7). Therefore, additional sampling at depths greater than 8 feet is not warranted. The presence of PCBs within the 6- to 8-foot depth increment at location 3D-SB-26 will be addressed during future RD/RA activities.

Non-PCB Constituents

GE has reviewed the existing non-PCB data presented in Tables 2 through 6 of this letter to assess the need for additional sampling for non-PCB constituents. This assessment included the performance of non-PCB evaluations for each evaluation area (where applicable), using the same "X" values proposed for the PCB evaluations and considering the likely extent of soil removal to address PCBs. Based on recent conversations between GE and EPA, GE utilized the proposed Massachusetts Contingency Plan Wave 2 Standards during the performance of the non-PCB evaluations. Based on the results of these evaluations, GE has determined that the existing non-PCB data are sufficient to conduct RD/RA evaluations for these areas to assess the need for and scope of additional soil remediation beyond the extent of the PCB-related remediation, and that thus additional non-PCB investigations at the Group 3C and 3D properties are not necessary or warranted.

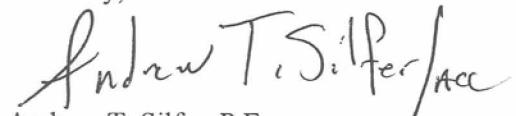
Mr. William P. Lovely, Jr.
March 10, 2005
Page 4 of 4

D. Schedule

Based on review of the available PCB and non-PCB analytical results, GE has determined that the existing data sets are sufficient to complete the RD/RA evaluations and to identify the limits of appropriate remediation actions at the Group 3C and 3D properties. As a result, GE proposes to submit an RD/RA Work Plan for these properties to EPA within 3 months of receiving EPA's approval of the present letter.

Please contact Dick Gates or me with any questions.

Sincerely,



Andrew T. Silfer, P.E.
GE Project Coordinator

Attachments

V:\GE_Housatonic_Mile_and_Half\Reports and Presentations\Phase 3\Second Interim PDF\13352196LtrRpt.doc

cc: Dean Tagliaferro, EPA
Rose Howell, EPA*
Holly Inglis, EPA
Tim Conway, EPA
John Kilborn, EPA
K.C. Mitkevicius, USACE
Susan Steenstrup, MDEP (2 copies)
Anna Symington, MDEP*
Robert Bell, MDEP*
Thomas Angus, MDEP*
Joanne Flescher, MDEP*
Nancy E. Harper, MA AG*
Dale Young, MA EOEA*

Mayor James Ruberto, City of Pittsfield
Linda Palmieri, Weston
Michael Carroll, GE*
Richard Gates, GE
Rod McLaren, GE*
James Nuss, BBL
James Bieke, Goodwin Procter
Property Owners, Groups 3C and 3D
Public Information Repositories
GE Internal Repository

* cover letter only

Tables



TABLE 1
RESULTS OF NOVEMBER AND DECEMBER 2004 PCB INVESTIGATIONS

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Sample ID	Depth(Feet)	Date Collected	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
Parcel I7-2-1										
3C-SB-33	2-4 4-6	12/2/2004 12/2/2004	ND(0.20) R	ND(0.20) R	ND(0.20) R	ND(0.20) R	ND(0.20) R	3.7 0.015 J	4.4 0.036 J	8.1 0.051 J
Parcel I7-2-5										
3C-SB-30	2-4	12/2/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	0.020 J	0.020 J
3C-SB-31	2-4	12/2/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)
Parcel I7-2-19										
3C-SB-32	0-1 1-2 2-4	11/30/2004 11/30/2004 11/30/2004	ND(2.3) ND(0.20) ND(0.035) [ND(0.035)]	ND(2.3) ND(0.20) ND(0.035) [0.016 J]	ND(2.3) ND(0.20) ND(0.035) [0.011 J]					
Parcel I7-2-20										
3C-SB-27	4-6	12/2/2004	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	ND(0.035)	0.024 J	0.018 J	0.042 J
3C-SB-28	4-6	12/2/2004	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)	ND(0.036)
Parcel I7-3-2										
3D-SS-23	0-1	12/1/2004	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	ND(0.041)	0.087	0.11	0.197
Parcel I7-99-000										
3D-SB-26	2-4 4-6 6-8	12/2/2004 12/2/2004 12/2/2004	ND(1.8) ND(2.1) ND(0.47)	ND(1.8) ND(2.1) ND(0.47)	ND(1.8) ND(2.1) ND(0.47)	ND(1.8) ND(2.1) ND(0.47)	ND(1.8) ND(2.1) ND(0.47)	32 26 6.3	50 26 5.7	82 52 12

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of PCBs.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved May 29, 2004 and resubmitted June 19, 2004).
4. Field duplicate sample results are presented in brackets.

Data Qualifiers:

- J - Indicates an estimated value less than the practical quantitation limit (PQL).
R - Data was rejected due to a deficiency in the data generation process.

TABLE 2
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: Sample ID: Sample Depth(Feet): Date Collected:	I7-2-1				
		3C-A9-1 0-1 12/02/04	3C-A9-1 1-3 12/02/04	3C-A9-1 3-5 12/02/04	3C-A9-2 0-1 11/30/04	3C-A9-2 1-3 11/30/04
Semivolatile Organics						
4-Bromophenyl-phenylether	ND(0.51)	ND(0.40)	ND(0.43)	ND(0.42)	ND(0.38)	
4-Chlorobenzilate	ND(1.0)	ND(0.80)	ND(0.87)	ND(0.84)	ND(0.78)	
Acenaphthene	ND(0.51)	ND(0.40)	ND(0.43)	ND(0.42)	ND(0.38)	
Acenaphthylene	2.4	0.79	ND(0.43)	ND(0.42)	ND(0.38)	
Anthracene	0.90	0.68	ND(0.43) J	ND(0.42)	ND(0.38)	
Benzidine	ND(1.0) J	ND(0.80) J	ND(0.87) J	ND(0.84)	ND(0.78)	
Benzo(a)anthracene	3.3	2.5	ND(0.43)	0.22 J	ND(0.38)	
Benzo(a)pyrene	5.1	2.2	ND(0.43)	ND(0.42)	ND(0.38)	
Benzo(b)fluoranthene	2.9	1.2	ND(0.43)	ND(0.42)	ND(0.38)	
Benzo(g,h,i)perylene	3.4	0.92	ND(0.43)	ND(0.42)	ND(0.38)	
Benzo(k)fluoranthene	3.6	1.6	ND(0.43)	ND(0.42)	ND(0.38)	
bis(2-Ethylhexyl)phthalate	ND(0.50) J	ND(0.39) J	ND(0.43) J	ND(0.41)	ND(0.38)	
Chrysene	3.6	2.2	ND(0.43)	ND(0.42)	ND(0.38)	
Dibeno(a,h)anthracene	0.80	0.16 J	ND(0.43)	ND(0.42)	ND(0.38)	
Fluoranthene	4.5	4.4	ND(0.43)	ND(0.42)	ND(0.38)	
Fluorene	ND(0.51)	0.10 J	ND(0.43)	ND(0.42)	ND(0.38)	
Indeno(1,2,3-cd)pyrene	2.5	0.75	ND(0.43)	ND(0.42)	ND(0.38)	
Naphthalene	0.22 J	0.16 J	ND(0.43)	ND(0.42)	ND(0.38)	
o,o,o-Triethylphosphorothioate	ND(0.51)	ND(0.40)	ND(0.43)	ND(0.42)	ND(0.38)	
Phenanthrene	1.3	1.1	ND(0.43)	ND(0.42)	ND(0.38)	
Pyrene	4.7 J	3.6 J	ND(0.43)	0.14 J	ND(0.38)	
Furans						
2,3,7,8-TCDF	0.00014 Y	0.0000031 Y	ND(0.00000041)	0.0000010 YJ	ND(0.00000025)	
TCDFs (total)	0.00069	0.0000060	ND(0.00000041)	0.0000046	ND(0.00000029)	
1,2,3,7,8-PeCDF	0.00010	ND(0.00000093)	ND(0.00000042)	ND(0.00000056)	ND(0.00000044)	
2,3,4,7,8-PeCDF	0.000079	ND(0.0000010)	ND(0.00000041)	ND(0.00000082)	ND(0.00000043)	
PeCDFs (total)	0.00082	0.0000033	ND(0.00000043)	0.0000041	ND(0.00000044)	
1,2,3,4,7,8-HxCDF	0.00014 I	ND(0.0000018)	ND(0.00000045)	ND(0.0000011)	ND(0.00000067)	
1,2,3,6,7,8-HxCDF	0.000071 I	ND(0.00000094)	ND(0.00000043)	ND(0.00000093)	ND(0.00000063)	
1,2,3,7,8,9-HxCDF	0.000071 J	ND(0.00000026)	ND(0.00000050)	ND(0.0000012)	ND(0.00000079)	
2,3,4,6,7,8-HxCDF	0.000028	ND(0.00000062)	ND(0.00000047)	ND(0.0000010)	ND(0.00000070) J	
HxCDFs (total)	0.00077	ND(0.0000025)	ND(0.00000050)	0.0000090	ND(0.00000079)	
1,2,3,4,6,7,8-HpCDF	0.00044	0.0000056 J	ND(0.00000021)	0.0000047 J	ND(0.0000012) J	
1,2,3,4,7,8,9-HpCDF	0.000045	ND(0.00000047)	ND(0.00000024)	ND(0.00000060)	ND(0.00000049)	
HpCDFs (total)	0.00092	0.0000098	ND(0.00000024)	0.0000093	ND(0.0000012)	
OCDF	0.00035	ND(0.0000037)	ND(0.00000054)	0.0000081 J	ND(0.00000096)	
Dioxins						
2,3,7,8-TCDD	0.0000029	ND(0.00000026)	ND(0.00000027)	ND(0.00000041)	ND(0.00000032)	
TCDDs (total)	0.000012	ND(0.00000039)	ND(0.00000027)	ND(0.00000041)	ND(0.00000032)	
1,2,3,7,8-PeCDD	ND(0.0000060)	ND(0.00000048)	ND(0.00000068)	ND(0.00000072)	ND(0.00000061)	
PeCDDs (total)	ND(0.000025)	ND(0.00000048)	ND(0.00000068)	ND(0.00000072)	ND(0.00000061)	
1,2,3,4,7,8-HxCDD	0.0000078	ND(0.00000041)	ND(0.00000058)	ND(0.00000082)	ND(0.00000066)	
1,2,3,6,7,8-HxCDD	0.000013	ND(0.00000036)	ND(0.00000050)	ND(0.00000073)	ND(0.00000060)	
1,2,3,7,8,9-HxCDD	0.0000094	ND(0.00000036)	ND(0.00000051)	ND(0.00000083)	ND(0.00000061)	
HxCDDs (total)	0.00014	ND(0.00000061)	ND(0.00000058)	ND(0.0000011)	ND(0.00000066)	
1,2,3,4,6,7,8-HpCDD	0.00023	0.0000035 J	ND(0.00000037)	0.0000097	ND(0.00000060)	
HpCDDs (total)	0.00043	0.0000035	ND(0.00000037)	0.000018	ND(0.00000075)	
OCDD	0.0017	0.000027	ND(0.0000028)	0.000070	ND(0.0000055)	
Total TEQs (WHO TEFs)	0.000099	0.0000013	0.00000078	0.0000014	0.00000084	

TABLE 2
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: Sample ID: Sample Depth(Feet): Date Collected:	I7-2-1				
		3C-A9-1 0-1 12/02/04	3C-A9-1 1-3 12/02/04	3C-A9-1 3-5 12/02/04	3C-A9-2 0-1 11/30/04	3C-A9-2 1-3 11/30/04
Inorganics						
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00) J	ND(6.00) J	ND(6.00) J
Arsenic	15.0	3.60	1.80	5.70	1.70	
Barium	51.0	24.0	28.0	60.0 J	17.0 J	
Beryllium	0.150 B	0.100 B	0.140 B	0.500	0.180 B	
Cadmium	0.880	ND(0.500)	ND(0.500)	0.280 B	0.120 B	
Chromium	19.0	9.50	7.20	17.0	5.60	
Cobalt	6.60	5.70	6.50	14.0	5.60	
Copper	41.0	16.0	8.20	24.0	7.60	
Cyanide	0.840	0.200	0.0440 B	0.0960 B	ND(0.120)	
Lead	160	21.0	5.40	14.0	3.70	
Mercury	4.30	0.200	ND(0.130)	0.0260 B	ND(0.120)	
Nickel	13.0	9.20	11.0	22.0	9.90	
Selenium	7.40 J	0.640 J	1.70 J	3.00	0.990 J	
Silver	0.210 B	ND(1.00)	0.260 B	ND(1.00)	ND(1.00)	
Sulfide	7.30 B	86.0	ND(6.50)	6.00 B	7.40	
Vanadium	12.0	5.70	7.40	21.0	5.60	
Zinc	240	56.0	40.0	63.0	32.0	

TABLE 2
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID: Sample ID: Sample Depth(Feet): Parameter Date Collected:	I7-2-1		I7-2-2		
	3C-A9-3 0-1 11/30/04	3C-A9-3 1-3 11/30/04	3C-A9-4 0-1 11/30/04	3C-A9-4 1-2 11/30/04	3C-A9-5 0-1 11/30/04
Semivolatile Organics					
4-Bromophenyl-phenylether	ND(0.37)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
4-Chlorobenzilate	ND(0.75)	ND(0.72)	ND(0.75)	ND(0.74)	ND(0.74)
Acenaphthene	ND(0.37)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Acenaphthylene	ND(0.37)	ND(0.36)	0.24 J	ND(0.37)	0.21 J
Anthracene	0.17 J	ND(0.36)	0.18 J	ND(0.37)	ND(0.37)
Benzidine	ND(0.75)	ND(0.72)	ND(0.75)	ND(0.74)	ND(0.74)
Benzo(a)anthracene	0.25 J	ND(0.36)	0.26 J	ND(0.37)	ND(0.37)
Benzo(a)pyrene	0.12 J	ND(0.36)	0.18 J	ND(0.37)	ND(0.37)
Benzo(b)fluoranthene	0.29 J	ND(0.36)	0.22 J	ND(0.37)	ND(0.37)
Benzo(g,h,i)perylene	ND(0.37)	ND(0.36)	0.093 J	ND(0.37)	ND(0.37)
Benzo(k)fluoranthene	0.12 J	ND(0.36)	0.11 J	ND(0.37)	ND(0.37)
bis(2-Ethylhexyl)phthalate	4.8	ND(0.36)	ND(0.37)	ND(0.36)	ND(0.37)
Chrysene	0.22 J	ND(0.36)	0.22 J	ND(0.37)	ND(0.37)
Dibeno(a,h)anthracene	ND(0.37)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Fluoranthene	0.30 J	ND(0.36)	0.31 J	ND(0.37)	ND(0.37)
Fluorene	ND(0.37)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Indeno(1,2,3-cd)pyrene	ND(0.37)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Naphthalene	ND(0.37)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
o,o,o-Triethylphosphorothioate	ND(0.37)	ND(0.36)	ND(0.37)	ND(0.37)	ND(0.37)
Phenanthrene	0.10 J	ND(0.36)	0.12 J	ND(0.37)	ND(0.37)
Pyrene	0.40	ND(0.36)	0.41	ND(0.37)	0.094 J
Furans					
2,3,7,8-TCDF	0.0000019 Y	ND(0.00000025)	0.0000027 Y	0.0000017 Y	0.0000023 Y
TCDFs (total)	0.000011	ND(0.00000037)	0.000013	0.000010	0.000015
1,2,3,7,8-PeCDF	ND(0.00000087)	ND(0.00000045)	ND(0.00000022)	ND(0.00000016)	ND(0.00000014)
2,3,4,7,8-PeCDF	ND(0.0000012)	ND(0.00000042)	ND(0.00000021)	ND(0.00000015)	ND(0.00000017)
PeCDFs (total)	0.000013	ND(0.00000045)	0.000012	ND(0.00000016)	0.000013
1,2,3,4,7,8-HxCDF	0.0000035 J	ND(0.00000069)	0.0000062	ND(0.00000023)	0.0000040 J
1,2,3,6,7,8-HxCDF	ND(0.0000026)	ND(0.00000066)	0.0000040 J	ND(0.00000022)	ND(0.00000024)
1,2,3,7,8,9-HxCDF	ND(0.0000010)	ND(0.00000082)	ND(0.00000039) X	ND(0.00000027)	ND(0.00000014)
2,3,4,6,7,8-HxCDF	ND(0.0000011)	ND(0.00000072)	ND(0.00000034) X	ND(0.00000024)	ND(0.00000017)
HxCDFs (total)	0.000026	ND(0.00000082)	0.000051	ND(0.00000027)	0.000032
1,2,3,4,6,7,8-HpCDF	0.000021	ND(0.00000036)	0.000040	0.0000032 J	0.000024
1,2,3,4,7,8,9-HpCDF	ND(0.0000019)	ND(0.00000044)	ND(0.00000025)	ND(0.00000014)	ND(0.00000019)
HpCDFs (total)	0.000040	ND(0.00000044)	0.000078	0.0000078	0.000047
OCDF	0.000014	ND(0.00000072)	0.000030	0.0000060 J	0.000018
Dioxins					
2,3,7,8-TCDD	ND(0.00000044)	ND(0.00000038)	ND(0.0000013)	ND(0.0000010)	ND(0.00000037)
TCDDs (total)	ND(0.00000052)	ND(0.00000038)	ND(0.0000013)	ND(0.0000010)	ND(0.00000037)
1,2,3,7,8-PeCDD	ND(0.00000069)	ND(0.00000056)	ND(0.0000031) X	ND(0.0000019)	ND(0.00000072)
PeCDDs (total)	ND(0.0000017)	ND(0.0000010)	ND(0.0000031)	ND(0.0000019)	ND(0.0000018)
1,2,3,4,7,8-HxCDD	ND(0.00000080)	ND(0.00000074)	ND(0.0000031)	ND(0.0000023)	ND(0.00000093)
1,2,3,6,7,8-HxCDD	ND(0.00000093)	ND(0.00000067)	ND(0.0000028)	ND(0.0000020)	ND(0.0000010)
1,2,3,7,8,9-HxCDD	ND(0.0000011)	ND(0.00000068)	ND(0.0000029)	ND(0.0000021)	ND(0.0000011)
HxCDDs (total)	0.0000080	ND(0.00000074)	0.0000075	ND(0.0000023)	0.0000069
1,2,3,4,6,7,8-HpCDD	0.000012	ND(0.00000055)	0.000028	0.0000059	0.000013
HpCDDs (total)	0.000024	ND(0.00000055)	0.000059	0.0000095	0.000026
OCDD	0.000099	ND(0.0000026)	0.000020	0.000027	0.00011
Total TEQs (WHO TEFs)	0.0000022	0.00000085	0.0000056	0.0000029	0.0000025

TABLE 2
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: Sample ID: Sample Depth(Feet): Date Collected:	I7-2-1		I7-2-2		
		3C-A9-3 0-1 11/30/04	3C-A9-3 1-3 11/30/04	3C-A9-4 0-1 11/30/04	3C-A9-4 1-2 11/30/04	3C-A9-5 0-1 11/30/04
Inorganics						
Antimony	ND(6.00) J	ND(6.00) J	ND(6.00) J	ND(6.00) J	ND(6.00) J	ND(6.00) J
Arsenic	3.70	4.00	6.00	3.30	2.90	
Barium	21.0 J	22.0 J	24.0 J	27.0 J	23.0 J	
Beryllium	0.200 B	0.170 B	0.190 B	0.200 B	0.160 B	
Cadmium	0.170 B	0.120 B	0.140 B	0.110 B	0.110 B	
Chromium	5.60	4.20	5.80	4.80	4.80	
Cobalt	6.50	6.50	6.80	6.00	5.70	
Copper	11.0	10.0	13.0	11.0	11.0	
Cyanide	0.0380 B	ND(0.110)	0.0790 B	0.0470 B	0.0550 B	
Lead	9.70	4.80	16.0	5.40	8.70	
Mercury	ND(0.110)	ND(0.110)	0.0430 B	0.0110 B	0.0130 B	
Nickel	12.0	11.0	11.0	11.0	10.0	
Selenium	1.80 J	1.40 J	1.90 J	2.20 J	1.10 J	
Silver	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	
Sulfide	7.10	6.90	8.90	ND(5.50)	11.0	
Vanadium	5.90	4.40 B	6.50	5.70	4.60 B	
Zinc	35.0	28.0	38.0	33.0	28.0	

TABLE 2
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	I7-2-2		I7-2-3	
Sample ID:	3C-A9-6	3C-A9-6	3C-A9-7	3C-A9-7
Sample Depth(Feet):	0-1	1-2	0-1	1-3
Parameter	Date Collected:	12/02/04	12/02/04	11/30/04
Semivolatile Organics				
4-Bromophenyl-phenylether	ND(0.40)	ND(0.37)	ND(0.40) [ND(0.39)]	ND(0.37)
4-Chlorobenzilate	ND(0.79)	ND(0.74)	ND(0.80) [ND(0.78)]	ND(0.75)
Acenaphthene	ND(0.40)	ND(0.37)	ND(0.40) [ND(0.39)]	ND(0.37)
Acenaphthylene	0.32 J	ND(0.37)	0.46 [0.64]	ND(0.37)
Anthracene	0.20 J	ND(0.37)	0.33 J [0.50]	ND(0.37)
Benzidine	ND(0.79) J	ND(0.74) J	ND(0.80) [ND(0.78)]	ND(0.75)
Benzo(a)anthracene	0.41	ND(0.37)	1.0 [1.4]	ND(0.37)
Benzo(a)pyrene	0.21 J	ND(0.37)	0.98 [1.7]	ND(0.37)
Benzo(b)fluoranthene	0.34 J	ND(0.37)	0.81 [1.1]	ND(0.37)
Benzo(g,h,i)perylene	0.16 J	ND(0.37)	0.60 [1.2]	ND(0.37)
Benzo(k)fluoranthene	0.32 J	ND(0.37)	0.90 [1.4]	ND(0.37)
bis(2-Ethylhexyl)phthalate	16	ND(0.36) J	ND(0.39) [ND(0.38)]	ND(0.37)
Chrysene	0.41	ND(0.37)	1.2 [1.5]	ND(0.37)
Dibeno(a,h)anthracene	ND(0.40)	ND(0.37)	0.10 J [0.26 J]	ND(0.37)
Fluoranthene	0.51	ND(0.37)	1.9 [2.8]	ND(0.37)
Fluorene	ND(0.40)	ND(0.37)	ND(0.40) [ND(0.39)]	ND(0.37)
Indeno(1,2,3-cd)pyrene	0.17 J	ND(0.37)	0.23 J [0.90]	ND(0.37)
Naphthalene	ND(0.40)	ND(0.37)	ND(0.40) [ND(0.39)]	ND(0.37)
o,o,o-Triethylphosphorothioate	ND(0.40)	ND(0.37)	ND(0.40) [ND(0.39)]	ND(0.37)
Phenanthrene	0.22 J	ND(0.37)	0.62 [1.0]	ND(0.37)
Pyrene	0.70	ND(0.37) J	2.3 [2.8]	ND(0.37)
Furans				
2,3,7,8-TCDF	0.000032 Y	0.0000047 Y	0.000016 J [0.0000036 J]	0.00000074 YJ
TCDFs (total)	0.00015	0.000021	0.000082 J [0.000036 J]	0.0000012
1,2,3,7,8-PeCDF	0.000015	0.0000034 J	0.0000065 J [ND(0.0000025) J]	ND(0.0000013)
2,3,4,7,8-PeCDF	0.000019	0.0000037 J	0.0000090 J [ND(0.0000028) J]	ND(0.0000013)
PeCDFs (total)	0.00019	0.000022	0.00015 J [0.000042 J]	ND(0.0000013)
1,2,3,4,7,8-HxCDF	0.000041 I	0.0000049 J	0.000030 J [0.0000096 J]	ND(0.0000022)
1,2,3,6,7,8-HxCDF	0.000018 I	0.0000062	0.0000054 I [0.0000046 J]	ND(0.0000021)
1,2,3,7,8,9-HxCDF	ND(0.00000059)	ND(0.0000021)	ND(0.00000047) [ND(0.0000018)]	ND(0.0000026)
2,3,4,6,7,8-HxCDF	0.000012	ND(0.0000018)	0.0000078 J [0.0000034 J]	ND(0.0000023)
HxCDFs (total)	0.00030	0.000034	0.00022 J [0.000094 J]	ND(0.0000026)
1,2,3,4,6,7,8-HpCDF	0.00022	0.000028	0.00018 J [0.000048 J]	ND(0.0000023)
1,2,3,4,7,8,9-HpCDF	0.000015	0.0000030 J	0.000013 J [0.0000047 J]	ND(0.0000013)
HpCDFs (total)	0.00043	0.000054	0.00035 J [0.00010 J]	ND(0.0000024)
OCDF	0.00017	0.000018	0.00011 J [0.000034 J]	ND(0.0000041)
Dioxins				
2,3,7,8-TCDD	0.0000011 J	ND(0.00000038)	0.00000074 J [ND(0.00000060) X]	ND(0.00000088) X
TCDDs (total)	0.0000078	ND(0.00000053)	0.0000099 J [0.0000011 J]	ND(0.00000088)
1,2,3,7,8-PeCDD	ND(0.0000031)	ND(0.0000015)	0.0000035 J [ND(0.0000014) J]	ND(0.0000020)
PeCDDs (total)	0.000011	ND(0.0000015)	0.000025 J [0.0000035 J]	ND(0.0000020)
1,2,3,4,7,8-HxCDD	0.0000041 J	ND(0.0000017)	0.0000048 J [ND(0.0000014) J]	ND(0.0000019)
1,2,3,6,7,8-HxCDD	0.0000078	ND(0.0000015)	0.0000060 J [ND(0.0000025) J]	ND(0.0000017)
1,2,3,7,8,9-HxCDD	0.0000056 J	ND(0.0000015)	0.0000059 J [ND(0.0000026) J]	ND(0.0000017)
HxCDDs (total)	0.000091	0.0000057	0.000092 J [0.000019 J]	ND(0.0000019)
1,2,3,4,6,7,8-HpCDD	0.00010	0.000011	0.000087 J [0.000029 J]	0.0000040 J
HpCDDs (total)	0.00020	0.000022	0.00020 J [0.000064 J]	0.0000040
OCDD	0.00078	0.000071	0.00062 J [0.00020 J]	0.000021
Total TEQs (WHO TEFs)	0.000028	0.0000054	0.000020 [0.0000051]	0.0000027

TABLE 2
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	I7-2-2		I7-2-3	
Sample ID:	3C-A9-6	3C-A9-6	3C-A9-7	3C-A9-7
Sample Depth(Feet):	0-1	1-2	0-1	1-3
Parameter	Date Collected:	12/02/04	12/02/04	11/30/04
Inorganics				
Antimony	ND(6.00)	ND(6.00)	ND(6.00) J [ND(6.00) J]	ND(6.00) J
Arsenic	3.50	2.30	5.00 [4.50]	3.10
Barium	29.0	16.0 B	36.0 J [28.0 J]	15.0 J
Beryllium	0.150 B	0.130 B	0.260 B [0.240 B]	0.140 B
Cadmium	0.190 B	ND(0.500)	0.300 B [0.250 B]	0.110 B
Chromium	8.10	5.00	10.0 [7.70]	4.00
Cobalt	5.70	5.20	7.10 [6.60]	4.90 B
Copper	15.0	6.80	22.0 [14.0]	9.60
Cyanide	0.180	ND(0.110)	0.260 [0.110 B]	ND(0.220)
Lead	36.0	5.80	53.0 [35.0]	4.50
Mercury	0.0950 B	ND(0.110)	0.120 [0.0370 B]	ND(0.110)
Nickel	9.00	9.00	13.0 [12.0]	9.30
Selenium	1.10 J	1.20 J	2.00 J [1.60 J]	1.20 J
Silver	ND(1.00)	ND(1.00)	0.310 B [ND(1.00)]	0.260 B
Sulfide	ND(5.90)	ND(5.50)	ND(6.00) [5.60 B]	5.40 B
Vanadium	7.70	5.20	11.0 [7.90]	4.50 B
Zinc	57.0	31.0	72.0 [54.0]	24.0

TABLE 2
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	I7-2-3			I7-2-4
Sample ID:	3C-A9-8	3C-A9-9	3C-A9-9	3C-A9-10
Sample Depth(Feet):	0-1	0-1	1-3	0-1
Parameter	Date Collected:	11/30/04	11/30/04	12/02/04
Semivolatile Organics				
4-Bromophenyl-phenylether	ND(0.38)	ND(0.44)	ND(0.41)	ND(0.42)
4-Chlorobenzilate	ND(0.76)	ND(0.88)	ND(0.82)	ND(0.85)
Acenaphthene	ND(0.38)	ND(0.44) J	ND(0.41)	ND(0.42)
Acenaphthylene	ND(0.38)	0.28 J	0.23 J	ND(0.42)
Anthracene	0.17 J	0.21 J	0.20 J	0.30 J
Benzidine	ND(0.76)	ND(0.88)	ND(0.82)	ND(0.85) J
Benzo(a)anthracene	0.27 J	0.46	0.38 J	0.49
Benzo(a)pyrene	0.11 J	0.27 J	0.16 J	0.34 J
Benzo(b)fluoranthene	0.26 J	0.38 J	0.28 J	0.41 J
Benzo(g,h,i)perylene	ND(0.38)	ND(0.44)	ND(0.41)	0.21 J
Benzo(k)fluoranthene	0.12 J	0.14 J	0.19 J	0.15 J
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.43)	ND(0.40)	ND(0.42) J
Chrysene	0.16 J	0.32 J	0.29 J	0.48
Dibenzo(a,h)anthracene	ND(0.38)	ND(0.44)	ND(0.41)	ND(0.42)
Fluoranthene	0.23 J	0.47	0.47	1.1
Fluorene	ND(0.38)	ND(0.44)	ND(0.41)	ND(0.42)
Indeno(1,2,3-cd)pyrene	ND(0.38)	ND(0.44)	ND(0.41)	0.19 J
Naphthalene	ND(0.38)	ND(0.44)	ND(0.41)	ND(0.42)
o,o,o-Triethylphosphorothioate	ND(0.38)	ND(0.44)	ND(0.41)	ND(0.42)
Phenanthrene	ND(0.38)	0.13 J	0.16 J	0.68
Pyrene	0.23 J	0.60 J	0.52	1.1
Furans				
2,3,7,8-TCDF	0.0000044 Y	0.000016 Y	0.0000045 Y	0.0000056 Y
TCDFs (total)	0.000032	0.00017	0.000042	0.000049
1,2,3,7,8-PeCDF	0.0000029 J	0.0000012 J	0.0000044 J	ND(0.0000027)
2,3,4,7,8-PeCDF	0.0000034 J	0.0000012 J	0.0000048 J	ND(0.0000028)
PeCDFs (total)	0.000043	0.00018	0.000043	0.000025
1,2,3,4,7,8-HxCDF	0.0000079	0.0000050	0.0000014	0.0000044 J
1,2,3,6,7,8-HxCDF	0.000011	0.0000019 J	0.0000065	0.0000045 J
1,2,3,7,8,9-HxCDF	ND(0.0000018)	ND(0.0000039) J	ND(0.0000033)	ND(0.0000041)
2,3,4,6,7,8-HxCDF	0.0000030 J	0.000013 J	0.0000047 J	ND(0.0000027)
HxCDFs (total)	0.00010	0.00040	0.00010	0.000052
1,2,3,4,6,7,8-HpCDF	0.000069	0.00029	0.000071	0.000026
1,2,3,4,7,8,9-HpCDF	0.0000049 J	0.000024	0.0000072	ND(0.0000013)
HpCDFs (total)	0.00014	0.00057	0.00014	0.000096
OCDF	0.000053	0.00021	0.000043	0.00011
Dioxins				
2,3,7,8-TCDD	0.00000058 J	ND(0.0000014) J	0.0000011 J	ND(0.0000028)
TCDDs (total)	0.000010	0.000013	0.0000029	0.0000012
1,2,3,7,8-PeCDD	ND(0.0000015)	0.0000039 J	ND(0.0000024)	ND(0.00000065)
PeCDDs (total)	0.0000077	0.0000046	0.0000010	ND(0.0000014)
1,2,3,4,7,8-HxCDD	ND(0.0000021)	0.0000072 J	ND(0.0000028)	ND(0.00000066)
1,2,3,6,7,8-HxCDD	0.0000030 J	0.000010 J	0.0000039 J	ND(0.0000023)
1,2,3,7,8,9-HxCDD	0.0000028 J	0.0000069 J	0.0000033 J	ND(0.0000016)
HxCDDs (total)	0.000044	0.00013	0.000036	0.000011
1,2,3,4,6,7,8-HpCDD	0.000045	0.000078	0.000027	0.000068
HpCDDs (total)	0.000088	0.00016	0.000055	0.00012
OCDD	0.00037	0.00048	0.00021	0.00068
Total TEQs (WHO TEFs)	0.0000078	0.000028	0.000010	0.0000041

TABLE 2
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	I7-2-3			I7-2-4
Sample ID:	3C-A9-8	3C-A9-9	3C-A9-9	3C-A9-10
Sample Depth(Feet):	0-1	0-1	1-3	0-1
Parameter	Date Collected:	11/30/04	11/30/04	12/02/04
Inorganics				
Antimony	ND(6.00) J	0.910 J	ND(6.00) J	ND(6.00)
Arsenic	3.80	5.00	4.50	9.70
Barium	26.0 J	48.0 J	38.0 J	55.0
Beryllium	0.220 B	0.260 B	0.240 B	0.300 B
Cadmium	0.200 B	0.460 B	0.280 B	0.300 B
Chromium	6.70	11.0	8.90	23.0
Cobalt	6.10	8.00	6.70	8.10
Copper	13.0	23.0	17.0	14.0
Cyanide	0.0910 B	0.220	0.0980 B	0.240
Lead	22.0	52.0	30.0	38.0
Mercury	0.0710 B	0.180	0.0700 B	0.130
Nickel	11.0	13.0	12.0	13.0
Selenium	1.70 J	1.50 J	1.80 J	1.80 J
Silver	ND(1.00)	ND(1.0)	0.340 B	0.260 B
Sulfide	ND(5.70)	ND(6.50)	ND(6.10)	ND(6.40)
Vanadium	6.90	9.80	8.00	10.0
Zinc	63.0	74.0	55.0	60.0

TABLE 2
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: Sample ID: Sample Depth(Feet): Date Collected:	I7-2-4				
		3C-A9-10 1-2 12/02/04	3C-A9-11 0-1 11/30/04	3C-A9-12 0-1 12/02/04	3C-A9-12 1-2 12/02/04	
Semivolatile Organics						
4-Bromophenyl-phenylether						
		ND(0.41) [ND(0.40)]	ND(0.41)	ND(0.40)	ND(0.39)	
4-Chlorobenzilate						
		ND(0.82) [ND(0.82)]	ND(0.83)	ND(0.81)	ND(0.78)	
Acenaphthene						
		ND(0.41) [0.11 J]	ND(0.41)	ND(0.40)	ND(0.39)	
Acenaphthylene						
		ND(0.41) [0.23 J]	ND(0.41)	0.26 J	ND(0.39)	
Anthracene						
		ND(0.41) J [0.37 J]	ND(0.41)	0.20 J	ND(0.39)	
Benzidine						
		ND(0.82) J [ND(0.82) J]	ND(0.83)	ND(0.81) J	ND(0.78) J	
Benzo(a)anthracene						
		ND(0.41) [0.66]	ND(0.41)	0.31 J	ND(0.39)	
Benzo(a)pyrene						
		ND(0.41) [0.62]	ND(0.41)	0.14 J	ND(0.39)	
Benzo(b)fluoranthene						
		ND(0.41) [0.62]	ND(0.41)	0.31 J	ND(0.39)	
Benzo(g,h,i)perylene						
		ND(0.41) [0.35 J]	ND(0.41)	0.14 J	ND(0.39)	
Benzo(k)fluoranthene						
		ND(0.41) [0.50]	ND(0.41)	0.14 J	ND(0.39)	
bis(2-Ethylhexyl)phthalate						
		ND(0.40) J [ND(0.40) J]	ND(0.41)	ND(0.40) J	ND(0.38) J	
Chrysene						
		ND(0.41) [0.58]	ND(0.41)	0.20 J	ND(0.39)	
Dibenzo(a,h)anthracene						
		ND(0.41) [ND(0.40)]	ND(0.41)	ND(0.40)	ND(0.39)	
Fluoranthene						
		0.14 J [1.5]	0.087 J	0.34 J	ND(0.39)	
Fluorene						
		ND(0.41) [0.11 J]	ND(0.41)	ND(0.40)	ND(0.39)	
Indeno(1,2,3-cd)pyrene						
		ND(0.41) [0.18 J]	ND(0.41)	0.084 J	ND(0.39)	
Naphthalene						
		ND(0.41) [ND(0.40)]	ND(0.41)	ND(0.40)	ND(0.39)	
o,o,o-Triethylphosphorothioate						
		ND(0.41) [ND(0.40)]	ND(0.41)	ND(0.40)	ND(0.39)	
Phenanthrene						
		ND(0.41) [1.1]	ND(0.41)	0.19 J	ND(0.39)	
Pyrene						
		0.16 J [1.5 J]	0.13 J	0.46 J	ND(0.39) J	
Furans						
2,3,7,8-TCDF						
		0.0000019 Y [0.0000020 Y]	0.0000037 Y	0.0000091 Y	0.0000057 Y	
TCDFs (total)						
		0.000013 [0.0000091]	0.000027	0.000078	0.000031	
1,2,3,7,8-PeCDF						
		ND(0.00000080) [ND(0.00000050)]	ND(0.0000019)	0.0000061	ND(0.00000064)	
2,3,4,7,8-PeCDF						
		ND(0.00000094) [ND(0.00000075)]	ND(0.0000025)	0.0000064	ND(0.00000063)	
PeCDFs (total)						
		0.0000050 [0.0000032]	0.000017	0.000096	0.000029	
1,2,3,4,7,8-HxCDF						
		ND(0.0000015) [ND(0.0000015)]	0.0000079	0.000021	0.0000043 J	
1,2,3,6,7,8-HxCDF						
		ND(0.00000075) [ND(0.00000058)]	0.0000032 J	0.000041 I	0.00013 I	
1,2,3,7,8,9-HxCDF						
		ND(0.00000028) [ND(0.00000036)]	ND(0.0000025)	ND(0.00000038)	ND(0.00000047)	
2,3,4,6,7,8-HxCDF						
		ND(0.00000075) [ND(0.00000040)]	ND(0.0000032)	0.0000068	ND(0.0000019)	
HxCDFs (total)						
		0.0000098 J [ND(0.0000035) J]	0.000065	0.00022	0.00019	
1,2,3,4,6,7,8-HpCDF						
		0.0000075 [0.0000061]	0.000049	0.00015	0.000052	
1,2,3,4,7,8,9-HpCDF						
		ND(0.00000065) [ND(0.00000026)]	0.0000048 J	0.000011	0.0000037 J	
HpCDFs (total)						
		0.000024 [0.000018]	0.000096	0.00028	0.00010	
OCDF						
		0.000026 [0.000016]	0.000025	0.000090	0.000028	
Dioxins						
2,3,7,8-TCDD						
		ND(0.00000022) [ND(0.00000031)]	ND(0.0000011) X	ND(0.00000049)	ND(0.00000022)	
TCDDs (total)						
		ND(0.00000036) [ND(0.00000031)]	ND(0.0000011)	0.000010	0.0000012	
1,2,3,7,8-PeCDD						
		ND(0.00000050) [ND(0.00000052)]	ND(0.0000023)	ND(0.0000024)	ND(0.00000074)	
PeCDDs (total)						
		ND(0.00000050) [ND(0.00000052)]	ND(0.0000023)	0.0000032	ND(0.00000029)	
1,2,3,4,7,8-HxCDD						
		ND(0.00000039) [ND(0.00000056)]	ND(0.0000024)	ND(0.0000022)	ND(0.00000086)	
1,2,3,6,7,8-HxCDD						
		ND(0.00000070) [ND(0.00000049)]	ND(0.0000021)	0.0000050 J	ND(0.0000016)	
1,2,3,7,8,9-HxCDD						
		ND(0.00000066) [ND(0.00000069)]	ND(0.0000022)	0.0000044 J	ND(0.0000017)	
HxCDDs (total)						
		ND(0.00000017) [ND(0.0000014)]	0.000015	0.000065	0.0000097	
1,2,3,4,6,7,8-HpCDD						
		0.000018 [0.000014]	0.000018	0.000046	0.000013	
HpCDDs (total)						
		0.000033 [0.000023]	0.000037	0.000090	0.000027	
OCDD						
		0.00018 [0.00013]	0.00011	0.00026	0.000080	
Total TEQs (WHO TEFs)		0.0000013 [0.0000013]	0.0000052	0.000016	0.000016	

TABLE 2
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: Sample ID: Sample Depth(Feet): Date Collected:	I7-2-4			
		3C-A9-10 1-2 12/02/04	3C-A9-11 0-1 11/30/04	3C-A9-12 0-1 12/02/04	3C-A9-12 1-2 12/02/04
Inorganics					
Antimony	ND(6.00) [ND(6.00)]	ND(6.00) J	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	5.70 [5.40]	7.30	5.80	5.90	
Barium	42.0 [39.0]	37.0 J	41.0	23.0	
Beryllium	0.190 B [0.210 B]	0.230 B	0.150 B	0.0990 B	
Cadmium	0.0950 B [ND(0.500)]	0.300 B	0.140 B	ND(0.500)	
Chromium	9.90 [8.80]	11.0	8.00	7.80	
Cobalt	7.60 [6.70]	11.0	8.30	9.90	
Copper	12.0 [13.0]	25.0	22.0	29.0	
Cyanide	0.160 [0.160]	0.310	0.190	0.0430 B	
Lead	27.0 [41.0]	32.0	47.0	20.0	
Mercury	0.0750 B [0.0880 B]	0.0710 B	0.120 B	0.0280 B	
Nickel	11.0 [11.0]	18.0	12.0	16.0	
Selenium	1.50 J [2.80 J]	2.20 J	1.40 J	1.40 J	
Silver	ND(1.00) [ND(1.00)]	0.150 B	ND(1.00)	ND(1.00)	
Sulfide	ND(6.10) [ND(6.10)]	ND(6.20)	ND(6.00)	ND(5.80)	
Vanadium	9.90 [10.0]	10.0	8.60	6.50	
Zinc	48.0 [45.0]	70.0	65.0	46.0	

TABLE 2
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID: Sample ID: Sample Depth(Feet): Parameter	I7-2-20			
	3C-A9-13 0-1 11/30/04	3C-A9-13 1-3 11/30/04	3C-A9-13 3-5 11/30/04	3C-A9-14 0-1 11/30/04
Semivolatile Organics				
4-Bromophenyl-phenylether	ND(0.42)	ND(0.38)	ND(0.43)	0.083 J
4-Chlorobenzilate	ND(0.84)	ND(0.77)	ND(0.86)	ND(0.76)
Acenaphthene	ND(0.42)	ND(0.38)	ND(0.43)	ND(0.38)
Acenaphthylene	0.42	ND(0.38)	ND(0.43)	0.28 J
Anthracene	0.27 J	ND(0.38)	ND(0.43)	ND(0.38)
Benzidine	ND(0.84)	ND(0.77)	ND(0.86)	0.30 J
Benzo(a)anthracene	0.55	ND(0.38)	ND(0.43)	0.40
Benzo(a)pyrene	0.37 J	ND(0.38)	ND(0.43)	0.23 J
Benzo(b)fluoranthene	0.43	ND(0.38)	ND(0.43)	0.33 J
Benzo(g,h,i)perylene	0.27 J	ND(0.38)	ND(0.43)	0.16 J
Benzo(k)fluoranthene	0.30 J	ND(0.38)	ND(0.43)	0.20 J
bis(2-Ethylhexyl)phthalate	ND(0.42)	ND(0.38)	ND(0.42)	ND(0.38)
Chrysene	0.46	ND(0.38)	ND(0.43)	0.38
Dibenzo(a,h)anthracene	ND(0.42)	ND(0.38)	ND(0.43)	ND(0.38)
Fluoranthene	0.61	ND(0.38)	ND(0.43)	0.40
Fluorene	ND(0.42)	ND(0.38)	ND(0.43)	ND(0.38)
Indeno(1,2,3-cd)pyrene	0.22 J	ND(0.38)	ND(0.43)	0.16 J
Naphthalene	ND(0.42)	ND(0.38)	ND(0.43)	ND(0.38)
o,o,o-Triethylphosphorothioate	ND(0.42)	ND(0.38)	ND(0.43)	0.19 J
Phenanthrene	0.20 J	ND(0.38)	ND(0.43)	0.20 J
Pyrene	0.92	ND(0.38)	ND(0.43)	0.61
Furans				
2,3,7,8-TCDF	0.000026 Y	0.0000016 J	ND(0.00000067)	0.000018 Y
TCDFs (total)	0.00030 QI	0.000022	ND(0.00000067)	0.00017 QI
1,2,3,7,8-PeCDF	0.000072	0.000024	ND(0.00000061)	ND(0.000021)
2,3,4,7,8-PeCDF	0.000030	ND(0.00000066)	ND(0.00000061)	ND(0.000021)
PeCDFs (total)	0.00040 Q	0.000065	0.0000012 J	0.00046 Q
1,2,3,4,7,8-HxCDF	0.00011	0.0000062	ND(0.00000066)	0.00013
1,2,3,6,7,8-HxCDF	0.000020	ND(0.00000063)	ND(0.00000061)	0.000016
1,2,3,7,8,9-HxCDF	0.000012	ND(0.00000085)	ND(0.00000076)	0.000010
2,3,4,6,7,8-HxCDF	0.000036	ND(0.00000071)	ND(0.00000064)	0.000025
HxCDFs (total)	0.00074	0.000012	ND(0.00000065)	0.00056
1,2,3,4,6,7,8-HpCDF	0.00027	0.0000014 J	ND(0.00000063)	0.000015
1,2,3,4,7,8,9-HpCDF	0.000028	ND(0.00000084)	ND(0.00000080)	0.000028
HpCDFs (total)	0.00053	0.0000024 J	ND(0.00000070)	0.00031
OCDF	0.00019	ND(0.0000017)	ND(0.0000015)	0.00013
Dioxins				
2,3,7,8-TCDD	ND(0.0000012) X	ND(0.00000066)	ND(0.00000075)	ND(0.00000067)
TCDDs (total)	0.0000099	ND(0.00000066)	ND(0.00000075)	0.0000037
1,2,3,7,8-PeCDD	0.0000073	ND(0.00000066)	ND(0.00000061)	0.0000072
PeCDDs (total)	0.0000077 Q	ND(0.00000066)	ND(0.00000061)	0.000049 Q
1,2,3,4,7,8-HxCDD	0.0000091	ND(0.00000083)	ND(0.00000011)	0.0000085
1,2,3,6,7,8-HxCDD	0.000012	ND(0.00000074)	ND(0.00000098)	ND(0.000010) X
1,2,3,7,8,9-HxCDD	0.0000098	ND(0.00000080)	ND(0.00000011)	0.0000099
HxCDDs (total)	0.00020 Q	ND(0.00000093)	ND(0.00000010)	0.00015
1,2,3,4,6,7,8-HpCDD	0.000096	ND(0.0000012)	ND(0.0000012)	0.000063
HpCDDs (total)	0.00021	0.0000012 J	ND(0.0000012)	0.00014
OCDD	0.00059	0.0000048 J	ND(0.0000025)	0.00038
Total TEQs (WHO TEFs)	0.000054	0.0000031	0.0000012	0.000038

TABLE 2
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Date Collected:	I7-2-20			
		Parcel ID: Sample ID: Sample Depth(Feet):	3C-A9-13 0-1	3C-A9-13 1-3	3C-A9-13 3-5
Inorganics					
Antimony		ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic		4.40	1.80	2.10	5.50
Barium		34.0	18.0 B	23.0	41.0
Beryllium		0.280 B	0.200 B	0.230 B	0.360 B
Cadmium		0.200 B	ND(0.500)	ND(0.500)	0.200 B
Chromium		13.0	5.90	6.70	9.80
Cobalt		6.70	5.60	6.00	7.90
Copper		20.0	6.80	7.10	21.0
Cyanide		0.160 B	0.0440 B	0.0470 B	0.150 B
Lead		50.0	4.10	3.30	33.0
Mercury		0.120 B	ND(0.110)	ND(0.130)	0.0650 B
Nickel		12.0	10.0	10.0	15.0
Selenium		0.950 J	0.730 J	0.770 J	1.50 J
Silver		ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)
Sulfide		8.10	9.20	ND(6.40)	9.10
Vanadium		9.40	6.10	7.00	9.30
Zinc		74.0 J	35.0 J	36.0 J	67.0 J

TABLE 2
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID:	I7-2-20		
Sample ID:	3C-A9-14	3C-A9-14	3C-A9-15
Sample Depth(Feet):	1-3	3-5	0-1
Parameter Date Collected:	11/30/04	11/30/04	11/30/04
Semivolatile Organics			
4-Bromophenyl-phenylether	ND(0.36) [ND(0.37)]	ND(0.38)	ND(0.42)
4-Chlorobenzilate	ND(0.73) [ND(0.74)]	0.53 J	ND(0.86)
Acenaphthene	ND(0.36) [ND(0.37)]	ND(0.38)	ND(0.42)
Acenaphthylene	ND(0.36) [ND(0.37)]	0.21 J	ND(0.42)
Anthracene	ND(0.36) [ND(0.37)]	ND(0.38)	0.25 J
Benzidine	ND(0.73) [ND(0.74)]	ND(0.77)	ND(0.86)
Benzo(a)anthracene	ND(0.36) [ND(0.37)]	0.23 J	0.56
Benzo(a)pyrene	ND(0.36) [ND(0.37)]	ND(0.38)	0.45
Benzo(b)fluoranthene	ND(0.36) [ND(0.37)]	0.18 J	0.56
Benzo(g,h,i)perylene	ND(0.36) [ND(0.37)]	ND(0.38)	0.31 J
Benzo(k)fluoranthene	ND(0.36) [ND(0.37)]	ND(0.38)	0.42 J
bis(2-Ethylhexyl)phthalate	ND(0.36) [ND(0.36)]	ND(0.38)	ND(0.42)
Chrysene	ND(0.36) [ND(0.37)]	0.085 J	0.64
Dibenzo(a,h)anthracene	ND(0.36) [ND(0.37)]	ND(0.38)	ND(0.42)
Fluoranthene	ND(0.36) [ND(0.37)]	0.076 J	0.75
Fluorene	ND(0.36) [ND(0.37)]	ND(0.38)	ND(0.42)
Indeno[1,2,3-cd]pyrene	ND(0.36) [ND(0.37)]	ND(0.38)	0.27 J
Naphthalene	ND(0.36) [ND(0.37)]	ND(0.38)	ND(0.42)
o,o,o-Triethylphosphorothioate	ND(0.36) [ND(0.37)]	ND(0.38)	ND(0.42)
Phenanthrene	ND(0.36) [ND(0.37)]	ND(0.38)	0.24 J
Pyrene	ND(0.36) [ND(0.37)]	0.12 J	1.0
Furans			
2,3,7,8-TCDF	ND(0.00000070) [ND(0.0000012) X]	0.0000011 J	0.0000082 Y
TCDFs (total)	0.00000074 J [0.0000093 J]	0.0000038	0.000053
1,2,3,7,8-PeCDF	ND(0.00000090) J [0.000013 J]	0.0000026 J	0.0000046 J
2,3,4,7,8-PeCDF	ND(0.00000090) [ND(0.0000011)]	ND(0.0000011)	0.0000063
PeCDFs (total)	0.000021 J [0.000050 J]	0.000021	0.000071 Q
1,2,3,4,7,8-HxCDF	0.0000021 J [0.0000052 J]	ND(0.0000026) X	0.0000058 J
1,2,3,6,7,8-HxCDF	ND(0.00000083) [ND(0.00000060)]	0.00000091 J	0.0000023 J
1,2,3,7,8,9-HxCDF	ND(0.0000011) [ND(0.00000081)]	ND(0.00000073)	ND(0.0000011)
2,3,4,6,7,8-HxCDF	ND(0.00000094) [ND(0.00000068)]	ND(0.00000096) X	0.0000036 J
HxCDFs (total)	0.0000062 J [0.000017 J]	0.000013	0.000051
1,2,3,4,6,7,8-HpCDF	0.0000025 J [0.0000024 J]	0.0000066	0.000010
1,2,3,4,7,8,9-HpCDF	ND(0.00000062) [ND(0.00000072)]	0.00000077 J	0.0000011 J
HpCDFs (total)	0.0000046 J [0.0000024 J]	0.000012	0.000020
OCDF	0.0000025 J [0.0000027 J]	0.0000052 J	0.000013
Dioxins			
2,3,7,8-TCDD	ND(0.00000059) [ND(0.00000061)]	ND(0.00000057)	ND(0.00000065)
TCDDs (total)	ND(0.00000059) [ND(0.00000061)]	ND(0.00000057)	ND(0.00000065)
1,2,3,7,8-PeCDD	ND(0.00000065) [ND(0.00000067)]	ND(0.00000079)	ND(0.00000069)
PeCDDs (total)	ND(0.00000085) [ND(0.00000071)]	ND(0.00000079)	0.0000019 J
1,2,3,4,7,8-HxCDD	ND(0.0000010) [ND(0.00000063)]	ND(0.00000075)	ND(0.0000010)
1,2,3,6,7,8-HxCDD	ND(0.00000089) [ND(0.00000056)]	ND(0.00000067)	0.0000014 J
1,2,3,7,8,9-HxCDD	ND(0.00000096) [ND(0.00000060)]	ND(0.00000072)	ND(0.0000012) X
HxCDDs (total)	ND(0.00000095) [0.0000011 J]	ND(0.00000071)	0.000012
1,2,3,4,6,7,8-HpCDD	0.0000015 J [0.0000017 J]	0.0000025 J	0.000016
HpCDDs (total)	0.0000026 J [0.0000032 J]	0.0000053 J	0.000030
OCDD	0.0000095 J [0.0000088 J]	0.000017	0.000095
Total TEQs (WHO TEFs)	0.0000014 [0.0000024]	0.0000017	0.0000066

TABLE 2
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Date Collected:	I7-2-20		
		Parcel ID: Sample ID: Sample Depth(Feet):	3C-A9-14 1-3 11/30/04	3C-A9-14 3-5 11/30/04
Inorganics				
Antimony		ND(6.00) [1.20 B]	ND(6.00)	ND(6.00)
Arsenic		2.60 [3.40]	4.40	5.40
Barium		25.0 [27.0]	25.0	37.0
Beryllium		0.300 B [0.300 B]	0.330 B	0.240 B
Cadmium		0.100 B [ND(0.50)]	ND(0.500)	ND(0.50)
Chromium		4.40 [5.10]	6.50	6.10
Cobalt		7.40 [7.40]	7.30	6.30
Copper		11.0 [12.0]	11.0	16.0
Cyanide		0.0840 B [0.0650 B]	0.0880 B	0.370
Lead		6.40 [7.60]	9.00	51.0
Mercury		0.0120 B [0.0100 B]	0.0160 B	0.210
Nickel		11.0 [10.0]	12.0	9.40
Selenium		0.970 J [ND(1.00)]	1.10 J	ND(1.00)
Silver		ND(1.00) [ND(1.00)]	ND(1.00)	ND(1.00)
Sulfide		7.00 [7.00]	7.30	8.20
Vanadium		5.20 [5.50]	7.20	7.90
Zinc		29.0 J [31.0 J]	40.0 J	58.0 J

TABLE 2
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: Sample ID: Sample Depth(Feet): Date Collected:	I7-2-20			
		3C-A9-15 1-3 11/30/04	3C-A9-16 0-1 11/30/04	3C-A9-16 1-3 11/30/04	3C-A9-16 5-7 11/30/04
Semivolatile Organics					
4-Bromophenyl-phenylether	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.38)	
4-Chlorobenzilate	ND(0.76)	ND(0.77)	ND(0.81)	ND(0.77)	
Acenaphthene	ND(0.38)	ND(0.38)	0.082 J	ND(0.38)	
Acenaphthylene	ND(0.38)	0.32 J	0.56	ND(0.38)	
Anthracene	ND(0.38)	0.20 J	0.42	ND(0.38)	
Benzidine	ND(0.76)	ND(0.77)	ND(0.81)	ND(0.77)	
Benzo(a)anthracene	ND(0.38)	0.34 J	1.2	ND(0.38)	
Benzo(a)pyrene	ND(0.38)	0.21 J	1.0	ND(0.38)	
Benzo(b)fluoranthene	ND(0.38)	0.32 J	0.72	ND(0.38)	
Benzo(g,h,i)perylene	ND(0.38)	0.16 J	0.55	ND(0.38)	
Benzo(k)fluoranthene	ND(0.38)	0.19 J	0.72	ND(0.38)	
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.38)	
Chrysene	ND(0.38)	0.28 J	1.0	ND(0.38)	
Dibeno(a,h)anthracene	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.38)	
Fluoranthene	ND(0.38)	0.30 J	1.5	ND(0.38)	
Fluorene	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.38)	
Indeno(1,2,3-cd)pyrene	ND(0.38)	0.11 J	0.49	ND(0.38)	
Naphthalene	ND(0.38)	ND(0.38)	0.12 J	ND(0.38)	
o,o,o-Triethylphosphorothioate	ND(0.38)	ND(0.38)	ND(0.40)	ND(0.38)	
Phenanthrone	ND(0.38)	0.099 J	0.64	ND(0.38)	
Pyrene	ND(0.38)	0.36 J	2.2	ND(0.38)	
Furans					
2,3,7,8-TCDF	ND(0.00000097) X	0.0000090 Y	0.0000093 Y	ND(0.00000052)	
TCDFs (total)	ND(0.00000084)	0.00011 QI	0.00012 Q	ND(0.00000052)	
1,2,3,7,8-PeCDF	0.0000014 J	0.000024	0.000016	ND(0.00000057)	
2,3,4,7,8-PeCDF	ND(0.00000056)	0.000012	0.000013 Q	ND(0.00000057)	
PeCDFs (total)	0.0000051 J	0.00026 QI	0.00017 Q	ND(0.00000057)	
1,2,3,4,7,8-HxCDF	0.00000083 J	0.000041	0.000033	ND(0.00000060)	
1,2,3,6,7,8-HxCDF	ND(0.00000068)	ND(0.0000090) X	0.000010	ND(0.00000057)	
1,2,3,7,8,9-HxCDF	ND(0.00000092)	0.0000044 J	0.0000057 J	ND(0.00000069)	
2,3,4,6,7,8-HxCDF	ND(0.00000078)	0.0000013	0.000011	ND(0.00000058)	
HxCDFs (total)	0.0000022 J	0.00030	0.00026 I	ND(0.00000059)	
1,2,3,4,6,7,8-HpCDF	0.0000012 J	0.00012	0.00013	ND(0.00000064)	
1,2,3,4,7,8,9-HpCDF	ND(0.00000096)	0.0000011	0.000012	ND(0.00000081)	
HpCDFs (total)	0.0000012 J	0.00023	0.00023	ND(0.00000072)	
OCDF	ND(0.0000020)	0.000091	0.000087	ND(0.0000021)	
Dioxins					
2,3,7,8-TCDD	ND(0.00000076)	ND(0.00000066)	ND(0.00000092)	ND(0.00000070)	
TCDDs (total)	ND(0.00000076)	0.00000094 J	0.0000074	ND(0.00000070)	
1,2,3,7,8-PeCDD	ND(0.00000062)	ND(0.0000052) X	ND(0.0000041) X	ND(0.00000057)	
PeCDDs (total)	ND(0.00000094)	0.000028 Q	0.000026 Q	ND(0.0000010)	
1,2,3,4,7,8-HxCDD	ND(0.0000011)	0.0000036 J	ND(0.0000034) X	ND(0.00000096)	
1,2,3,6,7,8-HxCDD	ND(0.00000097)	0.0000053 J	0.0000052 J	ND(0.00000086)	
1,2,3,7,8,9-HxCDD	ND(0.0000010)	0.0000051 J	0.0000044 J	ND(0.00000093)	
HxCDDs (total)	ND(0.0000010)	0.0000080	0.0000076	ND(0.00000092)	
1,2,3,4,6,7,8-HpCDD	0.0000017 J	0.000050	0.000036	ND(0.0000011)	
HpCDDs (total)	0.0000033 J	0.00010	0.000074	ND(0.0000011)	
OCDD	0.0000090 J	0.00042	0.00022	ND(0.0000027)	
Total TEQs (WHO TEFs)	0.0000013	0.000021	0.000020	0.0000011	

TABLE 2
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: Sample ID: Sample Depth(Feet): Date Collected:	I7-2-20			
		3C-A9-15 1-3 11/30/04	3C-A9-16 0-1 11/30/04	3C-A9-16 1-3 11/30/04	3C-A9-16 5-7 11/30/04
Inorganics					
Antimony	1.10 B	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	7.00	7.60	5.30	1.50	
Barium	28.0	33.0	52.0	18.0 B	
Beryllium	0.290 B	0.270 B	0.290 B	0.200 B	
Cadmium	ND(0.50)	0.280 B	0.240 B	ND(0.500)	
Chromium	6.70	10.0	9.60	5.10	
Cobalt	7.20	8.80	6.00	5.70	
Copper	12.0	28.0	46.0	7.60	
Cyanide	0.110 B	0.260	0.320	ND(0.120)	
Lead	21.0	64.0	140	3.40	
Mercury	0.0420 B	2.10	0.340	ND(0.120)	
Nickel	10.0	16.0	12.0	8.70	
Selenium	ND(1.00)	1.90 J	0.970 J	0.710 J	
Silver	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	
Sulfide	ND(5.70)	7.40	7.80	5.50 B	
Vanadium	8.20	11.0	10.0	5.60	
Zinc	48.0 J	86.0 J	110 J	28.0 J	

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved May 29, 2004 and resubmitted June 19, 2004).
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
5. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (semivolatiles, dioxin/furans)

- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- J - Indicates that the associated numerical value is an estimated concentration.
- Q - Indicates the presence of quantitative interferences.
- X - Estimated maximum possible concentration.
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

- B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).
- J - Indicates that the associated numerical value is an estimated concentration.

TABLE 3
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3D

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Date Collected	Parcel ID: Sample ID: Sample Depth(Feet):	I7-3-1					
			3D-A9-1 0-1 12/01/04	3D-A9-1 1-3 12/01/04	3D-A9-2 0-1 12/02/04	3D-A9-2 1-3 12/02/04	3D-A9-2 3-5 12/02/04	3D-A9-3 0-1 12/01/04
Semivolatile Organics								
Acenaphthene		ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)	ND(0.40)	
Acenaphthylene		0.26 J	ND(0.39)	0.32 J	ND(0.41)	ND(0.36)	1.2	
Acetophenone		ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)	ND(0.40)	
Anthracene		0.22 J	ND(0.39)	0.25 J	ND(0.41)	ND(0.36)	1.2	
Benzo(a)anthracene		0.31 J	0.19 J	0.38 J	ND(0.41)	ND(0.36)	3.2	
Benzo(a)pyrene		0.23 J	ND(0.39)	0.23 J	ND(0.41)	ND(0.36)	2.3	
Benzo(b)fluoranthene		0.32 J	ND(0.39)	0.36 J	ND(0.41)	ND(0.36)	1.5	
Benzo(g,h,i)perylene		0.11 J	ND(0.39)	0.16 J	ND(0.41)	ND(0.36)	0.92	
Benzo(k)fluoranthene		0.12 J	ND(0.39)	0.23 J	ND(0.41)	ND(0.36)	1.9	
bis(2-Ethylhexyl)phthalate		ND(0.41) J	0.64 J	ND(0.40)	ND(0.41)	ND(0.36)	ND(0.40) J	
Chrysene		0.26 J	ND(0.39)	0.33 J	ND(0.41)	ND(0.36)	3.1	
Dibenz(a,h)anthracene		ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)	0.29 J	
Dibenzofuran		ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)	0.12 J	
Di-n-Butylphthalate		ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)	ND(0.40)	
Fluoranthene		0.37 J	ND(0.39)	0.46	ND(0.41)	ND(0.36)	7.6	
Fluorene		ND(0.42)	ND(0.39)	ND(0.41)	ND(0.41)	ND(0.36)	0.39 J	
Indeno(1,2,3-cd)pyrene		0.14 J	ND(0.39)	0.12 J	ND(0.41)	ND(0.36)	0.75	
Phenanthrene		0.15 J	ND(0.39)	0.21 J	ND(0.41)	ND(0.36)	3.8	
Pyrene		0.56	ND(0.39)	0.53	ND(0.41)	ND(0.36)	8.1	
Furans								
2,3,7,8-TCDF		0.0000022 Y	0.00000075 JY	0.00000090 Y	ND(0.00000035)	ND(0.00000022)	0.000013 Y	
TCDFs (total)		0.0000099	0.0000040	0.0000030	0.00000063	ND(0.00000022)	0.000058	
1,2,3,7,8-PeCDF		ND(0.00000081)	ND(0.00000043)	0.0000045 J	ND(0.00000069)	ND(0.00000037)	0.0000081	
2,3,4,7,8-PeCDF		ND(0.0000013)	ND(0.00000042)	0.0000045 J	ND(0.00000067)	ND(0.00000036)	0.0000098	
PeCDFs (total)		0.000010	ND(0.0000019)	0.000025	ND(0.00000069)	ND(0.00000037)	0.000087	
1,2,3,4,7,8-HxCDF		ND(0.0000027)	ND(0.00000076)	0.0000083	ND(0.0000016)	ND(0.00000063)	0.000017	
1,2,3,6,7,8-HxCDF		ND(0.0000018)	ND(0.00000071)	0.0000069	ND(0.0000015)	ND(0.00000060)	0.0000089	
1,2,3,7,8,9-HxCDF		ND(0.0000011)	ND(0.00000090)	ND(0.0000013)	ND(0.0000019)	ND(0.00000075)	ND(0.0000015)	
2,3,4,6,7,8-HxCDF		ND(0.0000014)	ND(0.00000078)	0.0000036 J	ND(0.0000017)	ND(0.00000065)	0.0000061 J	
HxCDFs (total)		0.000015	ND(0.0000018)	0.000083	ND(0.0000019)	ND(0.00000075)	0.00015	
1,2,3,4,6,7,8-HpCDF		0.000014	0.0000039 J	0.000094	0.0000031 J	ND(0.00000054)	0.000094	
1,2,3,4,7,8,9-HpCDF		ND(0.00000087)	ND(0.00000060)	0.0000049 J	ND(0.00000092)	ND(0.00000073)	0.0000091	
HpCDFs (total)		0.000026	0.0000074	0.00018	0.0000031	ND(0.00000073)	0.00018	
OCDF		0.000013	ND(0.0000025)	0.000051	ND(0.0000019)	ND(0.00000076)	0.000063	
Dioxins								
2,3,7,8-TCDD		0.00000075 J	ND(0.00000036)	ND(0.00000040)	ND(0.00000044)	ND(0.00000029)	ND(0.00000037)	
TCDDs (total)		0.00000078	ND(0.00000036)	0.00000089	ND(0.00000044)	ND(0.00000029)	0.0000024	
1,2,3,7,8-PeCDD		ND(0.00000054)	ND(0.00000062)	ND(0.0000013)	ND(0.00000073)	ND(0.00000051)	ND(0.0000018)	
PeCDDs (total)		ND(0.00000070)	ND(0.00000062)	ND(0.0000013)	ND(0.00000073)	ND(0.0000017)	ND(0.00000052)	
1,2,3,4,7,8-HxCDD		ND(0.00000092)	ND(0.00000079)	ND(0.0000011)	ND(0.0000018)	ND(0.00000079)	ND(0.0000022)	
1,2,3,6,7,8-HxCDD		ND(0.00000084)	ND(0.00000071)	ND(0.0000022)	ND(0.0000016)	ND(0.00000072)	0.0000034 J	
1,2,3,7,8,9-HxCDD		ND(0.00000091)	ND(0.00000074)	ND(0.0000025)	ND(0.0000017)	ND(0.00000073)	ND(0.0000025)	
HxCDDs (total)		ND(0.00000027)	ND(0.00000079)	0.000016	ND(0.0000018)	ND(0.00000079)	0.000030	
1,2,3,4,6,7,8-HpCDD		0.000018	ND(0.0000023)	0.000028	ND(0.0000020)	ND(0.00000077)	0.000037	
HpCDDs (total)		0.000033	ND(0.0000023)	0.000053	ND(0.0000020)	ND(0.00000077)	0.000075	
OCDD		0.00012	0.000013	0.000018	0.000016	ND(0.0000034)	0.00027	
Total TEQs (WHO TEFs)		0.0000024	0.0000010	0.0000078	0.0000014	0.00000076	0.000013	

TABLE 3
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3D

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: Sample ID: Sample Depth(Feet): Date Collected:	I7-3-1					
		3D-A9-1 0-1 12/01/04	3D-A9-1 1-3 12/01/04	3D-A9-2 0-1 12/02/04	3D-A9-2 1-3 12/02/04	3D-A9-2 3-5 12/02/04	3D-A9-3 0-1 12/01/04
Inorganics							
Antimony	ND(6.00)	ND(6.00)	ND(6.00) J	ND(6.00) J	ND(6.00) J	ND(6.00)	ND(6.00)
Arsenic	4.80	4.90	9.60	5.80	5.40	5.40	
Barium	26.0 J	22.0 J	29.0	42.0	18.0 B	37.0 J	
Beryllium	0.250 B	0.220 B	0.0920 B	0.270 B	0.180 B	0.330 B	
Cadmium	0.250 B	0.180 B	ND(0.500)	ND(0.500)	ND(0.500)	0.320 B	
Chromium	8.60	5.60	7.10	8.50	7.50	10.0	
Cobalt	8.00	5.50	5.70	7.60	7.00	9.40	
Copper	16.0	16.0	19.0	14.0	23.0	35.0	
Cyanide	0.190	ND(0.230)	0.210	0.110 B	0.110 B	0.130	
Lead	21.0	9.50	34.0	11.0	8.50	24.0	
Mercury	0.0440 B	0.0120 B	0.0800 B	0.0350 B	0.0260 B	0.0870 B	
Nickel	12.0	7.90	9.20	14.0	16.0	15.0	
Selenium	2.30 J	2.20 J	1.70	2.30	1.80	2.40 J	
Silver	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	ND(1.00)	0.130 B	
Sulfide	6.00 B	5.60 B	ND(6.10)	ND(6.20)	ND(5.50)	14.0	
Tin	ND(10.0)	ND(10.0)	ND(10.0) J	ND(10.0) J	ND(10.0) J	ND(10.0)	
Vanadium	10.0	8.90	10.0	12.0	6.40	10.0	
Zinc	52.0 J	27.0 J	47.0	44.0	35.0	63.0 J	

TABLE 3
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3D

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: Sample ID: Sample Depth(Feet): Date Collected:	I7-3-1					
		3D-A9-3 1-3 12/01/04	3D-A9-4 0-1 12/01/04	3D-A9-4 1-3 12/01/04	3D-A9-5 0-1 12/01/04	3D-A9-5 1-3 12/01/04	3D-A9-5 3-5 12/01/04
Semivolatile Organics							
Acenaphthene	ND(0.38)	ND(0.44) J	ND(0.36)	ND(0.41)	ND(0.37)	ND(0.44)	
Acenaphthylene	0.24 J	0.25 J	ND(0.36)	0.26 J	0.27 J	ND(0.44)	
Acetophenone	ND(0.38)	ND(0.44) J	ND(0.36)	ND(0.41)	ND(0.37)	ND(0.44)	
Anthracene	0.26 J	0.22 J	0.19 J	0.20 J	0.20 J	ND(0.44)	
Benzo(a)anthracene	0.34 J	0.31 J	0.19 J	0.35 J	0.38	0.25 J	
Benzo(a)pyrene	0.22 J	0.14 J	ND(0.36)	ND(0.41)	0.22 J	ND(0.44)	
Benzo(b)fluoranthene	0.26 J	0.27 J	ND(0.36)	ND(0.41)	0.29 J	ND(0.44)	
Benzo(g,h,i)perylene	ND(0.38)	ND(0.44) J	ND(0.36)	ND(0.41)	0.14 J	ND(0.44)	
Benzo(k)fluoranthene	0.11 J	0.14 J	ND(0.36)	ND(0.41)	0.14 J	ND(0.44)	
bis(2-Ethylhexyl)phthalate	ND(0.38)	ND(0.43) J	ND(0.36)	ND(0.40)	1.3	ND(0.44)	
Chrysene	0.17 J	0.16 J	ND(0.36)	0.25 J	0.26 J	ND(0.44)	
Dibenzo(a,h)anthracene	ND(0.38)	ND(0.44) J	ND(0.36)	ND(0.41)	ND(0.37)	ND(0.44)	
Dibenzofuran	ND(0.38)	ND(0.88) J	ND(0.36)	ND(0.41)	ND(0.37)	ND(0.44)	
Di-n-Butylphthalate	ND(0.38)	ND(0.44) J	ND(0.36)	ND(0.41)	ND(0.37)	ND(0.44)	
Fluoranthene	0.50	0.26 J	0.10 J	0.39 J	0.33 J	0.17 J	
Fluorene	ND(0.38)	ND(0.44) J	ND(0.36)	ND(0.41)	ND(0.37)	ND(0.44)	
Indeno(1,2,3-cd)pyrene	ND(0.38)	0.10 J	ND(0.36)	ND(0.41)	ND(0.37)	ND(0.44)	
Phenanthrene	0.34 J	0.16 J	ND(0.36)	0.22 J	0.13 J	ND(0.44)	
Pyrene	0.52 J	0.35 J	0.12 J	0.58 J	0.54 J	0.21 J	
Furans							
2,3,7,8-TCDF	ND(0.00000065) XY	0.000047 Y	ND(0.00000047) Y	0.000021 Y	0.0000064 Y	0.0000024 Y	
TCDFs (total)	0.00000070	0.00027	0.000098	0.000089	0.000027	0.000056	
1,2,3,7,8-PeCDF	ND(0.00000061)	0.000027	ND(0.00000045)	0.0000087	0.0000034 J	ND(0.0000014)	
2,3,4,7,8-PeCDF	ND(0.00000060)	0.000030	ND(0.00000052)	0.0000096	0.0000038 J	ND(0.0000017)	
PeCDFs (total)	ND(0.0000024)	0.00035	ND(0.000012)	0.000082	0.000030	0.000019	
1,2,3,4,7,8-HxCDF	ND(0.00000094)	0.000038	ND(0.0000010)	0.000014	0.000012	0.0000062 J	
1,2,3,6,7,8-HxCDF	ND(0.00000089)	0.000062 I	ND(0.0000013)	0.0000097 I	0.0000076 I	0.0000090 I	
1,2,3,7,8,9-HxCDF	ND(0.0000011)	ND(0.0000018)	ND(0.00000075)	ND(0.00000092)	ND(0.0000015)	ND(0.0000013)	
2,3,4,6,7,8-HxCDF	ND(0.00000097)	0.000019	ND(0.00000067)	0.0000045 J	ND(0.0000025)	ND(0.0000012)	
HxCDFs (total)	ND(0.0000017)	0.00059	ND(0.0000040)	0.00012	0.000072	0.000067	
1,2,3,4,6,7,8-HpCDF	0.0000033 J	0.00040	0.0000058	0.0000058	0.000047	0.000030	
1,2,3,4,7,8,9-HpCDF	ND(0.00000080)	0.000038	ND(0.0000010)	0.0000062	0.0000051 J	0.0000033 J	
HpCDFs (total)	0.0000033	0.00077	0.000010	0.00012	0.000093	0.000057	
OCDF	ND(0.0000020)	0.00022	ND(0.0000036)	0.000046	0.000030	0.000018	
Dioxins							
2,3,7,8-TCDD	ND(0.00000035)	0.000017	ND(0.00000034)	ND(0.00000044)	ND(0.00000050)	ND(0.00000053)	
TCDDs (total)	ND(0.00000035)	0.000026	ND(0.00000034)	0.000021	0.000030	ND(0.00000093)	
1,2,3,7,8-PeCDD	ND(0.00000061)	0.0000078	ND(0.00000062)	ND(0.0000013)	ND(0.0000012)	ND(0.0000011)	
PeCDDs (total)	ND(0.00000061)	0.000038	ND(0.00000062)	0.0000035	ND(0.0000043)	ND(0.0000032)	
1,2,3,4,7,8-HxCDD	ND(0.00000075)	0.0000095	ND(0.00000094)	ND(0.0000014)	ND(0.0000011)	ND(0.00000092)	
1,2,3,6,7,8-HxCDD	ND(0.00000067)	0.000012	ND(0.00000085)	ND(0.0000021)	ND(0.0000019)	ND(0.0000010)	
1,2,3,7,8,9-HxCDD	ND(0.00000069)	0.0000085	ND(0.00000087)	ND(0.0000018)	ND(0.0000022)	ND(0.0000017)	
HxCDDs (total)	ND(0.00000075)	0.00017	ND(0.00000094)	0.000010	0.000018	0.000012	
1,2,3,4,6,7,8-HpCDD	ND(0.0000011)	0.00012	ND(0.0000017)	0.000029	0.000015	0.0000090	
HpCDDs (total)	ND(0.0000011)	0.00023	ND(0.0000017)	0.000053	0.000031	0.000019	
OCDD	0.0000096 J	0.00066	0.000014	0.000020	0.00011	0.000054	
Total TEQs (WHO TEFs)	0.0000010	0.000051	0.0000010	0.000012	0.0000067	0.0000038	

TABLE 3
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3D

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	I7-3-1				
	Sample ID: Sample Depth(Feet): Date Collected:	3D-A9-3 1-3 12/01/04	3D-A9-4 0-1 12/01/04	3D-A9-4 1-3 12/01/04	3D-A9-5 0-1 12/01/04	3D-A9-5 1-3 12/01/04
Inorganics						
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	4.30	5.40	5.30	6.40	5.60	3.40
Barium	21.0 J	40.0 J	18.0 J	33.0 J	24.0 J	52.0 J
Beryllium	0.250 B	0.300 B	0.270 B	0.320 B	0.230 B	0.430 B
Cadmium	0.200 B	0.380 B	0.200 B	0.310 B	0.240 B	0.270 B
Chromium	8.10	12.0	6.70	9.60	8.70	11.0
Cobalt	8.00	6.80	7.70	8.90	8.20	9.20
Copper	14.0	26.0	13.0	18.0	24.0	12.0
Cyanide	0.220	0.230	0.0410 B	0.0820 B	ND(0.220)	0.0960 B
Lead	9.90	60.0	10.0	28.0	24.0	13.0
Mercury	0.0160 B	0.180	0.0230 B	0.0820 B	0.0430 B	0.0410 B
Nickel	14.0	12.0	14.0	15.0	14.0	14.0
Selenium	2.00 J	2.10 J	2.40 J	2.40 J	2.10 J	2.30 J
Silver	ND(1.00)	0.200 B	0.150 B	0.160 B	ND(1.00)	ND(1.00)
Sulfide	7.30	10.0	5.20 B	ND(6.10)	110	8.50
Tin	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)
Vanadium	8.50	12.0	6.40	11.0	7.10	11.0
Zinc	42.0 J	77.0 J	40.0 J	62.0 J	53.0 J	57.0 J

TABLE 3
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3D

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: Sample ID: Sample Depth(Feet): Date Collected:	I7-3-1				I7-3-2	
		3D-A9-6 0-1 12/01/04	3D-A9-7 0-1 12/01/04	3D-A9-7 1-3 12/01/04	3D-A9-7 3-5 12/01/04	3D-A9-13 0-1 12/01/04	3D-A9-13 1-3 12/01/04
Semivolatile Organics							
Acenaphthene	ND(0.44)	ND(0.43)	ND(0.39)	0.094 J	ND(0.43)	ND(0.38) J	
Acenaphthylene	0.32 J	ND(0.43)	0.32 J	0.24 J	0.40 J	0.24 J	
Acetophenone	ND(0.44)	ND(0.43)	ND(0.39)	ND(0.43)	ND(0.43)	ND(0.38) J	
Anthracene	0.26 J	ND(0.43)	0.25 J	0.21 J	0.28 J	0.18 J	
Benzo(a)anthracene	0.45	0.34 J	0.56	0.30 J	0.67	0.23 J	
Benzo(a)pyrene	0.30 J	ND(0.43)	0.35 J	ND(0.43)	0.54	ND(0.38) J	
Benzo(b)fluoranthene	0.41 J	ND(0.43)	0.38 J	0.25 J	0.56	0.25 J	
Benzo(g,h,i)perylene	0.18 J	ND(0.43)	0.16 J	ND(0.43)	0.31 J	ND(0.38) J	
Benzo(k)fluoranthene	0.25 J	ND(0.43)	0.32 J	ND(0.43)	0.38 J	ND(0.38) J	
bis(2-Ethylhexyl)phthalate	ND(0.44)	ND(0.42)	ND(0.38)	ND(0.43)	0.90	ND(0.38) J	
Chrysene	0.38 J	0.19 J	0.47	0.15 J	0.54	0.079 J	
Dibenz(a,h)anthracene	ND(0.44)	ND(0.43)	ND(0.39)	ND(0.43)	ND(0.43)	ND(0.38) J	
Dibenzofuran	ND(0.44)	ND(0.43)	ND(0.39)	ND(0.43)	ND(0.43)	ND(0.38) J	
Di-n-Butylphthalate	ND(0.44)	ND(0.43)	ND(0.39)	0.42 J	ND(0.43)	ND(0.38) J	
Fluoranthene	0.52	0.38 J	0.60	0.30 J	0.94	0.13 J	
Fluorene	ND(0.44)	ND(0.43)	ND(0.39)	ND(0.43)	ND(0.43)	ND(0.38) J	
Indeno(1,2,3-cd)pyrene	0.18 J	ND(0.43)	0.12 J	ND(0.43)	0.31 J	ND(0.38) J	
Phenanthrene	0.20 J	0.29 J	0.24 J	0.17 J	0.34 J	ND(0.38) J	
Pyrene	0.64	0.38 J	0.91 J	0.34 J	1.0	0.12 J	
Furans							
2,3,7,8-TCDF	0.000016 Y	0.000038 Y	0.000014 Y	0.000022 Y	0.0000086 Y	0.0000030 Y	
TCDFs (total)	0.000069	0.00037	0.00017	0.00018	0.000039	0.000013	
1,2,3,7,8-PeCDF	0.0000063 J	0.000024	0.0000091	0.000017	0.0000036 J	ND(0.00000090)	
2,3,4,7,8-PeCDF	0.0000077	0.000026	0.000011	0.000019	0.0000048 J	ND(0.0000011)	
PeCDFs (total)	0.000061	0.00026	0.00014	0.00035	0.000055	0.0000032	
1,2,3,4,7,8-HxCDF	0.000014	0.000052	0.000035	0.000068	0.0000052 J	ND(0.0000018)	
1,2,3,6,7,8-HxCDF	0.0000094 I	0.000043 I	0.000024 I	0.000053 I	0.0000043 J	ND(0.0000012)	
1,2,3,7,8,9-HxCDF	ND(0.00000024)	ND(0.0000012)	ND(0.0000018)	ND(0.0000018)	ND(0.00000027)	ND(0.00000011)	
2,3,4,6,7,8-HxCDF	0.0000049 J	0.000013	0.000011	0.000016	0.0000051 J	ND(0.00000072)	
HxCDFs (total)	0.00012	0.00037	0.00030	0.00058	0.000098	0.0000091	
1,2,3,4,6,7,8-HpCDF	0.00014	0.00021	0.00017	0.00037	0.000038	0.000021	
1,2,3,4,7,8,9-HpCDF	0.0000057 J	0.000023	0.000017	0.000041	ND(0.0000018)	ND(0.00000067)	
HpCDFs (total)	0.00025	0.00043	0.00034	0.00075	0.000074	0.000036	
OCDF	0.000085	0.00015	0.00010	0.00016	0.000029	0.000014	
Dioxins							
2,3,7,8-TCDD	ND(0.00000036)	0.0000094 J	0.0000068 J	0.000012 J	ND(0.00000016)	ND(0.00000098)	
TCDDs (total)	0.0000038	0.000018	0.000014	0.000029	ND(0.00000057)	ND(0.00000022)	
1,2,3,7,8-PeCDD	ND(0.0000012)	0.0000055 J	ND(0.0000024)	0.0000087	ND(0.00000070)	ND(0.00000021)	
PeCDDs (total)	ND(0.0000032)	0.000015	0.0000044	0.000049	ND(0.00000088)	ND(0.00000039)	
1,2,3,4,7,8-HxCDD	ND(0.0000013)	0.0000049 J	0.0000040 J	0.0000083	ND(0.00000075)	ND(0.00000028)	
1,2,3,6,7,8-HxCDD	0.0000038 J	0.0000080	0.0000056 J	0.000014	ND(0.0000015)	ND(0.00000053)	
1,2,3,7,8,9-HxCDD	ND(0.0000030)	0.0000059 J	0.0000060	0.0000099	ND(0.0000014)	ND(0.00000053)	
HxCDDs (total)	0.000033	0.000092	0.000080	0.00019	0.0000052	ND(0.0000019)	
1,2,3,4,6,7,8-HpCDD	0.000048	0.000092	0.000051	0.000084	0.000025	0.0000095	
HpCDDs (total)	0.000095	0.00017	0.00010	0.00017	0.000050	0.000018	
OCDD	0.00035	0.00062	0.00030	0.00066	0.00022	0.000095	
Total TEQs (WHO TEFs)	0.000012	0.000041	0.000020	0.000044	0.000062	0.000013	

TABLE 3
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3D

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	I7-3-1				I7-3-2	
	Sample ID:	3D-A9-6 0-1 12/01/04	3D-A9-7 0-1 12/01/04	3D-A9-7 1-3 12/01/04	3D-A9-7 3-5 12/01/04	3D-A9-13 0-1 12/01/04	3D-A9-13 1-3 12/01/04
Inorganics							
Antimony	ND(6.0)	0.910 B	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	5.80	5.60	3.00	5.00	8.50	4.70	
Barium	46.0	43.0 J	18.0 J	58.0 J	46.0	32.0	
Beryllium	0.360 B	0.320 B	0.130 B	0.450 B	0.260 B	0.280 B	
Cadmium	0.360 B	0.460 B	0.170 B	0.390 B	0.240 B	ND(0.500)	
Chromium	11.0	12.0	5.30	15.0	11.0	10.0	
Cobalt	7.90	8.00	5.20	10.0	8.80	8.10	
Copper	21.0	29.0	15.0	27.0	26.0	22.0	
Cyanide	0.350	0.230	0.100 B	0.210 B	0.320	0.0840 B	
Lead	85.0	54.0	26.0	43.0	120	35.0	
Mercury	0.100 B	0.120 B	0.0810 B	0.130	0.120 B	0.0630 B	
Nickel	16.0	13.0	6.80	15.0	16.0	15.0	
Selenium	3.10	1.70 J	1.20 J	2.80 J	2.40 J	2.80 J	
Silver	ND(1.00)	0.170 B	0.240 B	0.170 B	ND(1.00)	0.550 B	
Sulfide	ND(6.70)	10.0	ND(5.80)	6.20 B	ND(6.50)	ND(5.80)	
Tin	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	
Vanadium	14.0	12.0	3.40 B	13.0	12.0	10.0	
Zinc	76.0	81.0 J	30.0 J	85.0 J	99.0	68.0	

TABLE 3
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3D

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parcel ID: Sample ID: Sample Depth(Feet): Parameter	I7-3-2				
	3D-A9-14 0-1 12/01/04	3D-A9-14 1-3 12/01/04	3D-A9-14 3-5 12/01/04	3D-A9-15 0-1 12/01/04	3D-A9-15 1-3 12/01/04
Semivolatile Organics					
Acenaphthene	ND(0.43) J	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43)
Acenaphthylene	0.44 J	0.29 J	ND(0.37)	0.29 J	ND(0.43)
Acetophenone	ND(0.43) J	ND(0.38)	ND(0.37)	0.47	ND(0.43)
Anthracene	0.38 J	ND(0.38)	ND(0.37)	0.28 J	ND(0.43)
Benzo(a)anthracene	0.78 J	0.24 J	ND(0.37)	0.63	0.24 J
Benzo(a)pyrene	0.62 J	ND(0.38)	ND(0.37)	0.55	ND(0.43)
Benzo(b)fluoranthene	0.49 J	ND(0.38)	ND(0.37)	0.58	ND(0.43)
Benzo(g,h,i)perylene	0.26 J	ND(0.38)	ND(0.37)	0.39 J	ND(0.43)
Benzo(k)fluoranthene	0.52 J	ND(0.38)	ND(0.37)	0.43 J	ND(0.43)
bis(2-Ethylhexyl)phthalate	ND(0.43) J	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43) J
Chrysene	0.66 J	0.10 J	ND(0.37)	0.56	0.072 J
Dibenz(a,h)anthracene	ND(0.43) J	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43)
Dibenzofuran	ND(0.43) J	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43)
Di-n-Butylphthalate	ND(0.43) J	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43)
Fluoranthene	1.2 J	0.092 J	ND(0.37)	1.0	0.072 J
Fluorene	ND(0.43) J	ND(0.38)	ND(0.37)	ND(0.44)	ND(0.43)
Indeno(1,2,3-cd)pyrene	0.22 J	ND(0.38)	ND(0.37)	0.28 J	ND(0.43)
Phenanthrene	0.56 J	ND(0.38)	ND(0.37)	0.41 J	ND(0.43)
Pyrene	0.97 J	0.14 J	ND(0.37)	1.1	0.13 J
Furans					
2,3,7,8-TCDF	0.000016 Y	0.0000013 Y	0.0000017 Y	0.000011 Y	0.0000011 JY
TCDFs (total)	0.000062	0.0000021	0.0000067	0.000047	0.0000017
1,2,3,7,8-PeCDF	0.0000082	ND(0.00000052)	ND(0.00000044)	0.0000036 J	ND(0.00000037)
2,3,4,7,8-PeCDF	0.0000092	ND(0.00000040)	ND(0.00000059)	0.0000051 J	ND(0.00000035)
PeCDFs (total)	0.000091	ND(0.0000023)	ND(0.0000017)	0.000070	ND(0.0000020)
1,2,3,4,7,8-HxCDF	0.000039	ND(0.0000010)	ND(0.00000072)	0.0000032 J	ND(0.00000051)
1,2,3,6,7,8-HxCDF	0.000022 I	ND(0.00000059)	ND(0.00000049)	0.0000049 J	ND(0.00000034)
1,2,3,7,8,9-HxCDF	ND(0.00000053)	ND(0.00000011)	ND(0.00000083)	ND(0.00000026)	ND(0.00000046)
2,3,4,6,7,8-HxCDF	0.0000083	ND(0.00000019)	ND(0.00000035)	0.0000050 J	ND(0.00000030)
HxCDFs (total)	0.00023	ND(0.0000017)	ND(0.0000011)	0.000072	ND(0.00000096)
1,2,3,4,6,7,8-HpCDF	0.00020	0.0000038 J	0.0000028 J	0.000014	ND(0.00000075)
1,2,3,4,7,8,9-HpCDF	0.000014	ND(0.00000037)	ND(0.00000017)	ND(0.0000012)	ND(0.00000012)
HpCDFs (total)	0.00036	0.0000072	0.0000028	0.000031	ND(0.00000075)
OCDF	0.00012	ND(0.0000029)	ND(0.0000016)	0.000024	ND(0.00000082)
Dioxins					
2,3,7,8-TCDD	ND(0.00000059)	ND(0.00000011)	ND(0.00000072)	ND(0.00000034)	ND(0.000000072)
TCDDs (total)	0.0000057	ND(0.00000014)	ND(0.00000011)	ND(0.00000054)	ND(0.00000014)
1,2,3,7,8-PeCDD	ND(0.00000029)	ND(0.00000015)	ND(0.00000013)	ND(0.00000012)	ND(0.000000033)
PeCDDs (total)	0.000014	ND(0.00000026)	ND(0.00000013)	ND(0.00000014)	ND(0.000000020)
1,2,3,4,7,8-HxCDD	0.0000033 J	ND(0.00000020)	ND(0.00000050)	ND(0.00000085)	ND(0.00000033)
1,2,3,6,7,8-HxCDD	0.0000059 J	ND(0.00000020)	ND(0.00000020)	0.0000035 J	ND(0.00000022)
1,2,3,7,8,9-HxCDD	0.0000053 J	ND(0.00000026)	ND(0.00000017)	ND(0.00000030)	ND(0.00000014)
HxCDDs (total)	0.000070	ND(0.00000087)	ND(0.00000059)	0.000026	ND(0.00000042)
1,2,3,4,6,7,8-HpCDD	0.000055	ND(0.0000018)	ND(0.0000018)	0.000037	ND(0.0000013)
HpCDDs (total)	0.00011	ND(0.0000018)	ND(0.0000018)	0.000089	ND(0.0000015)
OCDD	0.00035	0.000012	0.0000094 J	0.00027	0.0000074 J
Total TEQs (WHO TEFs)	0.000019	0.00000055	0.00000057	0.0000070	0.00000035

TABLE 3
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3D

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: Sample ID: Sample Depth(Feet): Date Collected:	I7-3-2				
		3D-A9-14 0-1 12/01/04	3D-A9-14 1-3 12/01/04	3D-A9-14 3-5 12/01/04	3D-A9-15 0-1 12/01/04	3D-A9-15 1-3 12/01/04
Inorganics						
Antimony	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	5.90	6.00	6.70	8.80	7.20	
Barium	40.0	33.0	29.0	59.0	48.0	
Beryllium	0.340 B	0.380 B	0.280 B	0.330 B	0.360 B	
Cadmium	0.190 B	0.140 B	0.0940 B	0.770	0.230 B	
Chromium	13.0	9.90	8.00	12.0	5.20	
Cobalt	9.60	10.0	8.80	8.20	11.0	
Copper	25.0	21.0	19.0	31.0	30.0	
Cyanide	0.180	0.0510 B	0.0440 B	2.70	0.170 B	
Lead	36.0	18.0	39.0	130	86.0	
Mercury	0.0920 B	0.0230 B	0.0320 B	0.160	0.0620 B	
Nickel	18.0	20.0	16.0	20.0	9.90	
Selenium	2.30 J	2.70 J	2.60 J	3.00	1.80 J	
Silver	ND(1.00)	ND(1.00)	0.260 B	0.160 B	ND(1.00)	
Sulfide	ND(6.50)	ND(5.70)	ND(5.60)	ND(6.60)	6.20 B	
Tin	ND(10.0)	ND(10.0)	ND(10.0)	11.0	ND(10.0)	
Vanadium	12.0	10.0	9.10	18.0	18.0	
Zinc	91.0	63.0	60.0	210	56.0	

TABLE 3
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3D

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: Sample ID: Sample Depth(Feet): Date Collected:	I7-99-000					
		3D-A9-8 0-1 12/01/04	3D-A9-8 1-3 12/01/04	3D-A9-9 0-1 12/01/04	3D-A9-9 1-3 12/01/04	3D-A9-10 0-1 12/01/04	3D-A9-10 1-3 12/01/04
Semivolatile Organics							
Acenaphthene	ND(0.41)	ND(0.40) J	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.38)	
Acenaphthylene	0.27 J	ND(0.40)	0.26 J	ND(0.38)	ND(0.37)	ND(0.38)	
Acetophenone	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.38)	
Anthracene	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.38)	
Benzo(a)anthracene	0.48	0.26 J	0.41	ND(0.38)	ND(0.37)	ND(0.38)	
Benzo(a)pyrene	0.26 J	ND(0.40)	0.24 J	ND(0.38)	ND(0.37)	ND(0.38)	
Benzo(b)fluoranthene	ND(0.41)	ND(0.40)	0.32 J	ND(0.38)	ND(0.37)	ND(0.38)	
Benzo(g,h,i)perylene	0.18 J	ND(0.40)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.38)	
Benzo(k)fluoranthene	ND(0.41)	ND(0.40)	0.14 J	ND(0.38)	ND(0.37)	ND(0.38)	
bis(2-Ethylhexyl)phthalate	ND(0.40)	ND(0.40)	ND(0.40)	ND(0.38)	ND(0.37)	ND(0.38)	
Chrysene	0.34 J	0.11 J	0.32 J	ND(0.38)	ND(0.37)	ND(0.38)	
Dibenz(a,h)anthracene	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.38)	
Dibenzofuran	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.38)	
Di-n-Butylphthalate	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.38)	
Fluoranthene	0.47	0.12 J	0.43	ND(0.38)	ND(0.37)	ND(0.38)	
Fluorene	ND(0.41)	ND(0.40)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.38)	
Indeno(1,2,3-cd)pyrene	0.14 J	ND(0.40)	ND(0.41)	ND(0.38)	ND(0.37)	ND(0.38)	
Phenanthrene	0.18 J	ND(0.40)	0.18 J	ND(0.38)	ND(0.37)	ND(0.38)	
Pyrene	0.53 J	0.19 J	0.44	ND(0.38)	ND(0.37)	ND(0.38)	
Furans							
2,3,7,8-TCDF	0.0000089 Y	ND(0.0000011) X	0.000027 Y	0.00000073 JY	0.0000012 Y	ND(0.00000025)	
TCDFs (total)	0.000049	0.0000052	0.00024	0.0000082	0.000021	ND(0.00000025)	
1,2,3,7,8-PeCDF	0.0000066	ND(0.0000019)	0.000018	ND(0.00000057)	ND(0.00000056)	ND(0.0000016)	
2,3,4,7,8-PeCDF	0.0000069	ND(0.0000018)	0.000018	ND(0.00000066)	ND(0.00000089)	ND(0.0000015)	
PeCDFs (total)	0.000091	ND(0.0000048)	0.00021	ND(0.0000056)	0.0000035	ND(0.0000016)	
1,2,3,4,7,8-HxCDF	0.000020	ND(0.0000027)	0.000035	ND(0.00000085)	ND(0.0000022)	ND(0.0000020)	
1,2,3,6,7,8-HxCDF	0.000022 I	ND(0.0000025)	0.000020 I	ND(0.00000081)	ND(0.0000017)	ND(0.0000019)	
1,2,3,7,8,9-HxCDF	ND(0.0000017)	ND(0.0000031)	ND(0.0000012)	ND(0.0000010)	ND(0.00000090)	ND(0.0000024)	
2,3,4,6,7,8-HxCDF	0.0000062	ND(0.0000028)	0.000097	ND(0.00000088)	ND(0.00000079)	ND(0.0000021)	
HxCDFs (total)	0.00018	ND(0.0000031)	0.00027	0.0000029	0.0000097	ND(0.0000024)	
1,2,3,4,6,7,8-HpCDF	0.00016	0.0000042 J	0.00019	0.0000062	0.0000091	ND(0.0000012)	
1,2,3,4,7,8,9-HpCDF	0.000014	ND(0.0000017)	0.000015	ND(0.00000057)	ND(0.0000011)	ND(0.0000015)	
HpCDFs (total)	0.00029	0.0000077	0.00036	0.000011	0.000017	ND(0.0000015)	
OCDF	0.000057	ND(0.0000028)	0.00011	ND(0.0000034)	0.0000064 J	ND(0.0000023)	
Dioxins							
2,3,7,8-TCDD	ND(0.00000058)	ND(0.0000011) X	ND(0.00000059)	ND(0.00000038)	ND(0.00000032)	ND(0.00000032)	
TCDDs (total)	0.0000070	ND(0.0000011)	0.0000097	ND(0.00000038)	ND(0.00000032)	ND(0.00000032)	
1,2,3,7,8-PeCDD	ND(0.0000021)	ND(0.0000027)	0.0000034 J	ND(0.00000063)	ND(0.00000057)	ND(0.0000020)	
PeCDDs (total)	0.0000037	ND(0.0000027)	0.0000073	ND(0.00000063)	ND(0.00000087)	ND(0.0000020)	
1,2,3,4,7,8-HxCDD	ND(0.0000025)	ND(0.0000025)	0.0000032 J	ND(0.00000083)	ND(0.00000068)	ND(0.0000022)	
1,2,3,6,7,8-HxCDD	0.0000040 J	ND(0.0000023)	0.0000049 J	ND(0.00000074)	ND(0.00000062)	ND(0.0000020)	
1,2,3,7,8,9-HxCDD	0.0000031 J	ND(0.0000023)	0.0000037 J	ND(0.00000076)	ND(0.00000063)	ND(0.0000021)	
HxCDDs (total)	0.000049	ND(0.0000025)	0.0000064	ND(0.00000083)	ND(0.00000018)	ND(0.0000022)	
1,2,3,4,6,7,8-HpCDD	0.000024	ND(0.0000024)	0.0000060	ND(0.00000022)	0.0000044 J	ND(0.0000022)	
HpCDDs (total)	0.000050	ND(0.0000024)	0.00011	ND(0.0000022)	0.0000082	ND(0.0000022)	
OCDD	0.00021	0.000013	0.00038	0.000015	0.000025	ND(0.0000046)	
Total TEQs (WHO TEFs)	0.000014	0.0000034	0.000027	0.000011	0.0000013	0.0000023	

TABLE 3
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3D

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID:	I7-99-000					
	Sample ID: 0-1	3D-A9-8 0-1	3D-A9-8 1-3	3D-A9-9 0-1	3D-A9-9 1-3	3D-A9-10 0-1	3D-A9-10 1-3
Sample Depth(Feet):	12/01/04	12/01/04	12/01/04	12/01/04	12/01/04	12/01/04	12/01/04
Inorganics							
Antimony	ND(6.00)	ND(6.00)	1.00 B	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	5.10	2.40	7.00	4.20	4.80	4.20	
Barium	35.0 J	38.0 J	35.0 J	29.0 J	19.0 J	15.0 J	
Beryllium	0.330 B	0.330 B	0.270 B	0.230 B	0.240 B	0.180 B	
Cadmium	0.280 B	0.200 B	0.350 B	0.170 B	0.150 B	0.0860 B	
Chromium	9.20	7.40	11.0	7.80	7.70	5.40	
Cobalt	9.10	7.40	9.30	7.00	7.40	4.60 B	
Copper	20.0	9.60	41.0	12.0	17.0	8.40	
Cyanide	0.0890 B	0.0360 B	0.160 B	0.0650 B	0.0460 B	0.0630 B	
Lead	22.0	6.90	44.0	9.20	9.80	6.80	
Mercury	0.0700 B	0.0200 B	0.120 B	0.0270 B	0.0220 B	0.0190 B	
Nickel	15.0	11.0	16.0	12.0	12.0	8.40	
Selenium	1.80 J	1.40 J	2.50 J	2.20 J	1.90 J	1.70 J	
Silver	ND(1.00)	0.140 B	0.240 B	0.230 B	0.120 B	0.150 B	
Sulfide	92.0	5.80 B	5.80 B	5.60 B	5.40 B	ND(5.70)	
Tin	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	
Vanadium	9.20	8.20	11.0	9.70	7.20	8.30	
Zinc	62.0 J	44.0 J	79.0 J	44.0 J	35.0 J	31.0 J	

TABLE 3
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3D

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: Sample ID: Sample Depth(Feet): Date Collected:	I7-99-000				
		3D-A9-10 3-5 12/01/04	3D-A9-11 0-1 12/01/04	3D-A9-11 1-3 12/01/04	3D-A9-12 0-1 12/01/04	3D-A9-12 1-3 12/01/04
Semivolatile Organics						
Acenaphthene	ND(0.38) [ND(0.38)]	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.38)	
Acenaphthylene	ND(0.38) [ND(0.38)]	0.38 J	ND(0.42)	ND(0.42)	ND(0.38)	
Acetophenone	ND(0.38) [ND(0.38)]	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.38)	
Anthracene	ND(0.38) [ND(0.38)]	0.29 J	ND(0.42)	ND(0.42)	ND(0.38)	
Benzo(a)anthracene	ND(0.38) [ND(0.38)]	1.0	ND(0.42)	ND(0.42)	0.21 J	
Benzo(a)pyrene	ND(0.38) [ND(0.38)]	0.64	ND(0.42)	ND(0.42)	ND(0.38)	
Benzo(b)fluoranthene	ND(0.38) [ND(0.38)]	0.58	ND(0.42)	ND(0.42)	0.22 J	
Benzo(g,h,i)perylene	ND(0.38) [ND(0.38)]	0.33 J	ND(0.42)	ND(0.42)	ND(0.38)	
Benzo(k)fluoranthene	ND(0.38) [ND(0.38)]	0.51	ND(0.42)	ND(0.42)	ND(0.38)	
bis(2-Ethylhexyl)phthalate	ND(0.37) [ND(0.38)]	ND(0.42)	ND(0.41)	ND(0.42)	ND(0.37)	
Chrysene	ND(0.38) [ND(0.38)]	0.81	ND(0.42)	ND(0.42)	0.091 J	
Dibenz(a,h)anthracene	ND(0.38) [ND(0.38)]	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.38)	
Dibenzofuran	ND(0.38) [ND(0.38)]	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.38)	
Di-n-Butylphthalate	ND(0.38) [ND(0.38)]	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.38)	
Fluoranthene	ND(0.38) [ND(0.38)]	1.3	ND(0.42)	ND(0.42)	0.091 J	
Fluorene	ND(0.38) [ND(0.38)]	ND(0.42)	ND(0.42)	ND(0.42)	ND(0.38)	
Indeno(1,2,3-cd)pyrene	ND(0.38) [ND(0.38)]	0.32 J	ND(0.42)	ND(0.42)	ND(0.38)	
Phenanthrene	ND(0.38) [ND(0.38)]	0.43	ND(0.42)	ND(0.42)	ND(0.38)	
Pyrene	ND(0.38) [ND(0.38)]	1.4	ND(0.42)	0.10 J	0.15 J	
Furans						
2,3,7,8-TCDF	ND(0.00000030) [ND(0.00000045)]	0.000068 Y	0.0000028 Y	0.0000017 Y	0.0000014 Y	
TCDFs (total)	ND(0.00000030) [ND(0.00000045)]	0.000043	0.0000090	0.000012	0.000011	
1,2,3,7,8-PeCDF	ND(0.0000014) [ND(0.00000090)]	0.000052	ND(0.0000028)	ND(0.0000016)	ND(0.0000013)	
2,3,4,7,8-PeCDF	ND(0.0000013) [ND(0.00000087)]	0.000050	ND(0.0000027)	ND(0.0000016)	ND(0.0000012)	
PeCDFs (total)	ND(0.0000014) [ND(0.00000090)]	0.000040	0.0000043	0.0000049	0.0000046	
1,2,3,4,7,8-HxCDF	ND(0.0000018) [ND(0.0000013)]	0.000082	ND(0.0000041) X	ND(0.0000025)	0.0000043 J	
1,2,3,6,7,8-HxCDF	ND(0.0000017) [ND(0.0000013)]	0.000037	ND(0.0000039) X	ND(0.0000024)	ND(0.0000016)	
1,2,3,7,8,9-HxCDF	ND(0.0000021) [ND(0.0000016)]	ND(0.0000033) X	ND(0.0000048) X	ND(0.0000030)	ND(0.0000020)	
2,3,4,6,7,8-HxCDF	ND(0.0000018) [ND(0.0000014)]	0.000021	ND(0.0000043) X	ND(0.0000026)	ND(0.0000018)	
HxCDFs (total)	ND(0.0000021) [ND(0.0000016)]	0.000042	0.0000086	0.000019	0.000022	
1,2,3,4,6,7,8-HpCDF	ND(0.0000012) [ND(0.00000091)]	0.00017	0.0000078 J	0.000016	0.000017	
1,2,3,4,7,8,9-HpCDF	ND(0.0000015) [ND(0.0000011)]	0.000032	ND(0.0000025)	ND(0.0000018)	ND(0.0000023)	
HpCDFs (total)	ND(0.0000015) [ND(0.0000011)]	0.000038	0.000014	0.000029	0.000032	
OCDF	ND(0.0000023) [ND(0.0000018)]	0.00019	0.0000091 J	0.0000094 J	0.000011 J	
Dioxins						
2,3,7,8-TCDD	ND(0.00000043) [ND(0.00000024)]	0.0000018	ND(0.0000011) X	ND(0.0000011) X	ND(0.00000061) X	
TCDDs (total)	ND(0.00000043) [ND(0.00000024)]	0.000017	ND(0.0000011)	ND(0.0000011)	0.00000071	
1,2,3,7,8-PeCDD	ND(0.0000021) [ND(0.0000012)]	ND(0.0000034) X	ND(0.0000026)	ND(0.0000025)	ND(0.0000015)	
PeCDDs (total)	ND(0.0000021) [ND(0.0000012)]	0.0000057	ND(0.0000026)	ND(0.0000025)	ND(0.0000015)	
1,2,3,4,7,8-HxCDD	ND(0.0000018) [ND(0.0000016)]	ND(0.0000030)	ND(0.0000041) X	ND(0.0000027)	ND(0.0000014)	
1,2,3,6,7,8-HxCDD	ND(0.0000016) [ND(0.0000015)]	0.0000071	ND(0.0000037) X	ND(0.0000024)	ND(0.0000013)	
1,2,3,7,8,9-HxCDD	ND(0.0000016) [ND(0.0000015)]	0.0000057 J	ND(0.0000038) X	ND(0.0000025)	ND(0.0000013)	
HxCDDs (total)	ND(0.0000018) [ND(0.0000016)]	0.0000064	ND(0.0000041)	ND(0.0000027)	0.0000029	
1,2,3,4,6,7,8-HpCDD	ND(0.0000019) [ND(0.0000015)]	0.0000085	0.0000047 J	0.0000070	0.0000058	
HpCDDs (total)	ND(0.0000019) [ND(0.0000015)]	0.00016	0.0000088	0.000013	0.000012	
OCDD	ND(0.0000028) [ND(0.0000042)]	0.00067	0.000032	0.000035	0.000034	
Total TEQs (WHO TEFs)	0.0000023 [0.0000015]	0.000056	0.0000045	0.0000036	0.0000027	

TABLE 3
RESULTS OF NOVEMBER AND DECEMBER 2004 APPENDIX IX+3 INVESTIGATIONS - GROUP 3D

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: Sample ID: Sample Depth(Feet): Date Collected:	I7-99-000				
		3D-A9-10 3-5 12/01/04	3D-A9-11 0-1 12/01/04	3D-A9-11 1-3 12/01/04	3D-A9-12 0-1 12/01/04	3D-A9-12 1-3 12/01/04
Inorganics						
Antimony	ND(6.00) [ND(6.00)]	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)	ND(6.00)
Arsenic	6.60 [5.00]	3.50	2.70	4.90	5.10	
Barium	38.0 J [35.0 J]	44.0 J	55.0 J	25.0 J	29.0 J	
Beryllium	0.420 B [0.270 B]	0.280 B	0.360 B	0.170 B	0.220 B	
Cadmium	0.300 B [0.190 B]	0.330 B	0.170 B	0.180 B	0.190 B	
Chromium	8.60 [6.50]	10.0	8.60	6.60	7.20	
Cobalt	11.0 [9.00]	6.90	7.80	8.00	7.80	
Copper	18.0 [18.0]	27.0	9.40	18.0	17.0	
Cyanide	0.0530 B [0.0400 B]	0.140	0.0660 B	0.320	0.0900 B	
Lead	9.20 [11.0]	39.0	6.10	76.0	39.0	
Mercury	0.0160 B [ND(0.110)]	0.110 B	0.0180 B	0.110 B	0.100 B	
Nickel	21.0 [15.0]	12.0	11.0	13.0	13.0	
Selenium	2.80 J [1.50 J]	1.60 J	1.90 J	1.80 J	1.90 J	
Silver	ND(1.00) [0.160 B]	0.220 B	ND(1.00)	ND(1.00)	ND(1.00)	
Sulfide	5.40 B [5.40 B]	10.0	10.0	6.10 B	ND(5.70)	
Tin	ND(10.0) [ND(10.0)]	ND(10.0)	ND(10.0)	ND(10.0)	ND(10.0)	
Vanadium	8.60 [5.60]	9.10	9.90	6.70	7.50	
Zinc	64.0 J [33.0 J]	160 J	49.0 J	44.0 J	48.0 J	

Notes:

1. Samples were collected by Blasland, Bouck & Lee, Inc. and submitted to SGS Environmental Services, Inc. for analysis of Appendix IX+3 constituents.
2. Samples have been validated as per Field Sampling Plan/Quality Assurance Project Plan (FSP/QAPP), General Electric Company, Pittsfield, Massachusetts, Blasland Bouck & Lee, Inc. (approved May 29, 2004 and resubmitted June 19, 2004).
3. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
5. With the exception of dioxin/furans, only those constituents detected in one or more samples are summarized.
6. Field duplicate sample results are presented in brackets.

Data Qualifiers:

Organics (semivolatiles, dioxin/furans)

- I - Polychlorinated Diphenyl Ether (PCDPE) Interference.
- J - Indicates that the associated numerical value is an estimated concentration.
- X - Estimated maximum possible concentration.
- Y - 2,3,7,8-TCDF results have been confirmed on a DB-225 column.

Inorganics

- B - Indicates an estimated value between the instrument detection limit (IDL) and PQL.
- J - Indicates that the associated numerical value is an estimated concentration.

TABLE 4
EXISTING GE APPENDIX IX+3 SOIL DATA - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: Sample ID: Sample Depth(Feet): Date Collected:
	I7-2-1 I7-2-1A 0-0.5 09/22/94
Volatile Organics	
Methylene Chloride	0.018 JB
Trichloroethene	0.0010 JB
Semivolatile Organics	
1-Methylnaphthalene	0.16 J
2-Methylnaphthalene	0.11 J
Acenaphthene	0.10 J
Acenaphthylene	1.3 J
Aniline	0.097 J
Anthracene	0.66 J
Benzo(a)anthracene	3.6
Benzo(a)pyrene	4.6
Benzo(b)fluoranthene	6.6 Z
Benzo(g,h,i)perylene	1.6
Benzo(k)fluoranthene	13 Z
Chrysene	4.1
Dibenzo(a,h)anthracene	0.40 J
Di-n-Butylphthalate	0.23 JB
Fluoranthene	5.7
Fluorene	0.34 J
Indeno(1,2,3-cd)pyrene	1.5
Naphthalene	0.22 J
Phenanthrene	2.9
Pyrene	5.1
Organochlorine Pesticides	
None Detected	--
Organophosphate Pesticides	
Ethyl Parathion	0.0061 J
Herbicides	
None Detected	--
Furans	
2,3,7,8-TCDF	ND(0.000075)
TCDFs (total)	ND(0.000075)
1,2,3,7,8-PeCDF	ND(0.00012)
2,3,4,7,8-PeCDF	ND(0.00012)
PeCDFs (total)	ND(0.00012)
1,2,3,4,7,8-HxCDF	ND(0.00014)
1,2,3,6,7,8-HxCDF	ND(0.00011)
1,2,3,7,8,9-HxCDF	ND(0.00026)
2,3,4,6,7,8-HxCDF	ND(0.00020)
HxCDFs (total)	0.00025
1,2,3,4,6,7,8-HpCDF	0.00047
1,2,3,4,7,8,9-HpCDF	ND(0.00022)
HpCDFs (total)	0.00047
OCDF	ND(0.00041)
Dioxins	
2,3,7,8-TCDD	ND(0.000086)
TCDDs (total)	ND(0.000086)
1,2,3,7,8-PeCDD	ND(0.00015)
PeCDDs (total)	ND(0.00015)
1,2,3,4,7,8-HxCDD	ND(0.00025)
1,2,3,6,7,8-HxCDD	ND(0.00012)
1,2,3,7,8,9-HxCDD	ND(0.00021)
HxCDDs (total)	ND(0.00019)
1,2,3,4,6,7,8-HpCDD	ND(0.00025)
HpCDDs (total)	ND(0.00025)
OCDD	0.00085
Total TEQs (WHO TEFs)	0.00023

TABLE 4
EXISTING GE APPENDIX IX+3 SOIL DATA - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Location ID: Sample ID: Sample Depth(Feet): Date Collected:
Inorganics	
Aluminum	9450
Antimony	0.400 BN
Arsenic	6.90
Barium	59.2
Beryllium	0.370
Cadmium	0.160 B
Calcium	10600
Chromium	20.7
Cobalt	8.30
Copper	72.9
Iron	20500
Lead	124
Magnesium	7280
Manganese	494
Mercury	0.270 N
Nickel	17.5
Potassium	754
Selenium	0.840
Silver	0.270 B
Sodium	44.9 B
Tin	19.4
Vanadium	13.3
Zinc	152

Notes:

1. Sample was collected by Blasland, Bouck & Lee, Inc., and submitted to CompuChem Environmental Corporation for analysis of Appendix IX+3 constituents.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. With the exception of dioxin/furans, only detected constituents are summarized.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
5. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (volatiles, semivolatiles, pesticides, herbicides, dioxin/furans)

B - Analyte was also detected in the associated method blank.

J - Indicates an estimated value less than the practical quantitation limit (PQL).

Z - Coeluting isomers could not be chromatographically resolved in the sample.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

N - Indicates sample matrix spike analysis was outside control limits.

TABLE 5
EXISTING EPA APPENDIX IX SOIL DATA - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: Location ID: Sample ID: Sample Depth(Feet):	I7-2-20 SL0191 081998CT01 0-0.5 08/19/98	I7-2-20 SL0196 081998CT20 0-0.5 08/19/98	I7-2-20 SL0199 082098CT02 0.5-1 08/20/98	I7-2-20 SL0201 082098CT11 1-1.5 08/20/98
Semivolatile Organics					
1,2,4-Trichlorobenzene	ND(0.41)	ND(0.36)	ND(0.35)	ND(0.36)	
1,4-Dichlorobenzene	ND(0.41)	ND(0.36)	ND(0.35)	ND(0.36)	
2,4-Dimethylphenol	ND(0.41) J	ND(0.36) J	ND(0.35)	ND(0.36)	
2-Methylnaphthalene	0.092 J	0.21 J	0.21 J	0.037 J	
4-Methylphenol	ND(0.41)	0.080 J	ND(0.35)	ND(0.36)	
Acenaphthene	ND(0.41)	0.050 J	ND(0.35)	ND(0.36)	
Acenaphthylene	0.15 J	0.16 J	ND(0.35)	0.061 J	
Acetophenone	ND(0.41)	ND(0.36)	ND(0.35)	ND(0.36)	
Anthracene	0.10 J	0.81	ND(0.35)	0.33 J	
Benzo(a)anthracene	0.74	2.4	0.086 J	1.5	
Benzo(a)pyrene	0.87	2.1	0.084 J	1.2	
Benzo(b)fluoranthene	0.76	1.5	0.076 J	0.86	
Benzo(g,h,i)perylene	0.74	1.1	0.079 J	0.47 J	
Benzo(k)fluoranthene	0.75	1.6	0.072 J	1.1	
Benzyl Alcohol	ND(0.41)	0.042 J	ND(0.35)	ND(0.36)	
bis(2-Ethylhexyl)phthalate	0.42	0.041 J	ND(0.35)	ND(0.36)	
Butylbenzylphthalate	ND(0.41)	ND(0.36)	ND(0.35)	ND(0.36)	
Chrysene	0.86	2.2	0.11 J	1.2	
Dibeno(a,h)anthracene	0.22 J	0.39	0.033 J	0.22 J	
Dibenzofuran	0.039 J	0.072 J	0.045 J	ND(0.36)	
Di-n-Butylphthalate	0.042 J	ND(0.36)	ND(0.35)	ND(0.36)	
Fluoranthene	1.3	3.7	0.12 J	2.1	
Fluorene	ND(0.41)	0.22 J	ND(0.35)	0.044 J	
Indeno(1,2,3-cd)pyrene	0.65	1.1	0.064 J	0.57 J	
Isophorone	ND(0.41)	0.082 J	0.18 J	0.066 J	
Naphthalene	0.24 J	0.32 J	0.16 J	0.13 J	
Phenanthrene	0.52	2.2	0.15 J	0.58 J	
Phenol	ND(0.41)	ND(0.36)	ND(0.35)	ND(0.36)	
Pyrene	1.4	4.0	0.13 J	2.3	
Organochlorine Pesticides					
4,4'-DDE	ND(0.85)	ND(0.37)	ND(0.036)	ND(0.036)	
Organophosphate Pesticides					
None Detected	--	NA	NA	NA	
Herbicides					
2,4,5-T	ND(0.0060)	NA	NA	NA	
Furans					
2,3,7,8-TCDF	0.000027	0.0000068	0.0000016	0.00000087	
TCDFs (total)	0.00039 J	0.00012 J	0.000033 J	0.000016	
1,2,3,7,8-PeCDF	0.00046	0.0000050	0.0000015	0.00000068 J	
2,3,4,7,8-PeCDF	0.000099	0.0000085	0.0000019	0.00000072	
PeCDFs (total)	0.0012 J	0.00013 J	0.000041 J	0.000016 J	
1,2,3,4,7,8-HxCDF	0.00047	0.000016	0.0000036	0.0000014	
1,2,3,6,7,8-HxCDF	0.00024 J	0.0000096 J	0.0000041 J	0.0000014 J	
1,2,3,7,8,9-HxCDF	0.00020	0.0000034	0.0000048 J	0.00000028 J	
2,3,4,6,7,8-HxCDF	0.000095	0.0000097	0.0000014	0.00000060	
HxCDFs (total)	0.0016 J	0.00017 J	0.000030 J	0.000013 J	
1,2,3,4,6,7,8-HpCDF	0.00040 J	0.000078 J	0.0000083	0.0000057 J	
1,2,3,4,7,8,9-HpCDF	0.000077	0.0000042	0.00000073	0.00000035	
HpCDFs (total)	0.00074 J	0.00014 J	0.000014	0.0000096 J	
OCDF	0.00015	0.000048	0.0000049	0.0000039	

TABLE 5
EXISTING EPA APPENDIX IX SOIL DATA - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	I7-2-20 SL0191 081998CT01 0-0.5 08/19/98	I7-2-20 SL0196 081998CT20 0-0.5 08/19/98	I7-2-20 SL0199 082098CT02 0.5-1 08/20/98	I7-2-20 SL0201 082098CT11 1-1.5 08/20/98
Dioxins					
2,3,7,8-TCDD	0.00000091 J	0.00000041 J	ND(0.00000016)	ND(0.00000012)	
TCDDs (total)	0.000019	0.0000055	0.00000078 J	0.00000043 J	
1,2,3,7,8-PeCDD	0.0000045	0.0000018 J	0.00000023 J	ND(0.00000088) J	
PeCDDs (total)	0.000054	0.000017	0.0000019 J	0.0000013 J	
1,2,3,4,7,8-HxCDD	0.0000063 J	0.0000022 J	0.00000022 J	0.00000021 J	
1,2,3,6,7,8-HxCDD	0.0000099	0.0000027	0.00000040 J	0.00000024 J	
1,2,3,7,8,9-HxCDD	0.0000067 J	0.0000025	0.00000039 J	0.00000027 J	
HxCDDs (total)	0.00014	0.000047	0.0000049	0.0000035	
1,2,3,4,6,7,8-HpCDD	0.000066	0.000023	0.0000022	0.0000014	
HpCDDs (total)	0.00014	0.000046	0.0000046	0.0000029	
OCDD	0.00064	0.00024	0.000025	0.000015	
Total TEQs (WHO TEFs)	0.00019	0.000013	0.0000027	0.0000011	
Inorganics					
Antimony	0.520 J	0.460 J	ND(0.270)	0.490	
Arsenic	7.40	7.10	ND(4.80)	ND(2.70)	
Barium	66.7	50.6	82.3 J	26.8 J	
Beryllium	0.350 J	0.260 J	0.400	0.160	
Chromium	15.8	12.5	3.90	7.20	
Cobalt	10.9	9.00	5.50	6.70	
Copper	38.3	31.0	5.20	11.0	
Lead	182	111	8.90	14.0	
Mercury	0.280	0.190	8.00	0.0600	
Nickel	17.6	18.3	17.8 J	10.0 J	
Selenium	ND(0.410)	ND(0.380)	1.00	ND(0.370)	
Silver	ND(0.160)	0.180 J	ND(0.110)	ND(0.150)	
Sulfide	6.10	ND(5.30)	ND(5.20) J	ND(5.40) J	
Thallium	R	R	0.690	ND(0.620)	
Tin	7.40	5.70	ND(0.290)	1.30	
Total Organic Carbon	28000	22000	8800	2900	
Vanadium	16.0	13.1	8.70	7.90	
Zinc	170	114	25.4 J	44.9 J	

TABLE 5
EXISTING EPA APPENDIX IX SOIL DATA - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	I7-2-20 SL0203 082098CT19 0.5-1 08/20/98	I7-2-20 SL0214 082098CT26 0-0.5 08/20/98	I7-2-20 SL0225 082198CT27 0-0.5 08/21/98	I7-2-20 SL0227 082198CT35 0-0.5 08/21/98
Semivolatile Organics					
1,2,4-Trichlorobenzene	0.13 J	ND(0.35)	ND(0.35)	ND(0.36)	
1,4-Dichlorobenzene	0.17 J	ND(0.35)	ND(0.35)	ND(0.36)	
2,4-Dimethylphenol	ND(0.36)	0.034 J	ND(0.35)	ND(0.36)	
2-Methylnaphthalene	0.22 J	2.0	ND(0.35)	ND(0.36)	
4-Methylphenol	0.050 J	0.055 J	ND(0.35)	ND(0.36)	
Acenaphthene	0.061 J	ND(0.35)	ND(0.35)	ND(0.36)	
Acenaphthylene	0.36 J	0.10 J	ND(0.35)	ND(0.36)	
Acetophenone	0.039 J	0.11 J	ND(0.35)	ND(0.36)	
Anthracene	0.33 J	0.11 J	0.043 J	ND(0.36)	
Benzo(a)anthracene	2.4	0.76	0.20 J	0.21 J	
Benzo(a)pyrene	2.3	0.85	0.21 J	0.23 J	
Benzo(b)fluoranthene	1.5	0.75	0.19 J	0.22 J	
Benzo(g,h,i)perylene	1.0	0.41 J	0.18 J	0.22 J	
Benzo(k)fluoranthene	1.8	0.64 J	0.22 J	0.22 J	
Benzyl Alcohol	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.36)	
bis(2-Ethylhexyl)phthalate	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.36)	
Butylbenzylphthalate	ND(0.36)	ND(0.35)	0.060 J	ND(0.36)	
Chrysene	2.1	0.92	0.24 J	0.25 J	
Dibeno(a,h)anthracene	0.35 J	0.14 J	0.063 J	0.073 J	
Dibenzofuran	0.081 J	0.36 J	ND(0.35)	ND(0.36)	
Di-n-Butylphthalate	ND(0.36)	ND(0.35)	ND(0.35)	ND(0.36)	
Fluoranthene	3.0	0.89	0.41 J	0.35 J	
Fluorene	0.086 J	0.076 J	ND(0.35)	ND(0.36)	
Indeno(1,2,3-cd)pyrene	1.1	0.40 J	0.17 J	0.19 J	
Isophorone	0.038 J	0.093 J	ND(0.35)	0.061 J	
Naphthalene	0.69 J	1.4	0.043 J	0.051 J	
Phenanthrene	1.2	1.3	0.26 J	0.18 J	
Phenol	0.14 J	ND(0.35)	ND(0.35)	ND(0.36)	
Pyrene	4.2	1.3	0.43 J	0.41 J	
Organochlorine Pesticides					
4,4'-DDE	ND(3.5)	ND(0.36)	0.024	ND(0.036)	
Organophosphate Pesticides					
None Detected	--	NA	--	--	
Herbicides					
2,4,5-T	ND(0.0053)	NA	ND(0.0052)	0.0054 J	
Furans					
2,3,7,8-TCDF	0.000024	0.000016	0.0000048	0.0000067	
TCDFs (total)	0.0015 J	0.00049 J	0.000065 J	0.000090 J	
1,2,3,7,8-PeCDF	0.000025	0.000014	0.0000020	0.0000036	
2,3,4,7,8-PeCDF	0.000048	0.000023	0.0000035	0.0000046	
PeCDFs (total)	0.0020 J	0.00069 J	0.000045 J	0.000091	
1,2,3,4,7,8-HxCDF	0.00014	0.000040	0.0000024	0.0000085	
1,2,3,6,7,8-HxCDF	0.00021 J	0.000075 J	0.0000018	0.0000069 J	
1,2,3,7,8,9-HxCDF	0.000023	0.0000061	0.00000052 J	0.0000014	
2,3,4,6,7,8-HxCDF	0.000071	0.000022	0.0000025	0.0000046	
HxCDFs (total)	0.0018 J	0.00052 J	0.000030	0.00010 J	
1,2,3,4,6,7,8-HpCDF	0.00061 J	0.00016 J	0.0000075	0.0000092 J	
1,2,3,4,7,8,9-HpCDF	0.000042	0.0000088	0.00000041 J	0.0000020	
HpCDFs (total)	0.0011 J	0.00029 J	0.000013	0.00016 J	
OCDF	0.00037	0.00011	0.000066	0.000067	

TABLE 5
EXISTING EPA APPENDIX IX SOIL DATA - GROUP 3C

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: Location ID: Sample ID: Sample Depth(Feet): Date Collected:	I7-2-20 SL0203 082098CT19 0.5-1 08/20/98	I7-2-20 SL0214 082098CT26 0-0.5 08/20/98	I7-2-20 SL0225 082198CT27 0-0.5 08/21/98	I7-2-20 SL0227 082198CT35 0-0.5 08/21/98
Dioxins					
2,3,7,8-TCDD	0.0000022	0.00000074	0.00000037 J	0.00000028 J	
TCDDs (total)	0.000049	0.000013	0.0000030	0.0000040	
1,2,3,7,8-PeCDD	0.000014 J	0.0000043 J	0.00000027 J	0.00000072 J	
PeCDDs (total)	0.00015 J	0.000041 J	0.0000036 J	0.0000087 J	
1,2,3,4,7,8-HxCDD	0.000018	0.0000046	0.00000028 J	0.00000092	
1,2,3,6,7,8-HxCDD	0.000021	0.0000087	0.00000062 J	0.0000016	
1,2,3,7,8,9-HxCDD	0.000018	0.0000059	0.00000047 J	0.0000011	
HxCDDs (total)	0.00036	0.00011	0.0000067	0.000021	
1,2,3,4,6,7,8-HpCDD	0.00011	0.00011	0.0000040	0.000015	
HpCDDs (total)	0.00023	0.00019	0.0000078	0.000029	
OCDD	0.00090	0.0013	0.000034	0.00017	
Total TEQs (WHO TEFs)	0.00010	0.000038	0.0000040	0.0000078	
Inorganics					
Antimony	0.530	0.770	0.790	0.480	
Arsenic	ND(3.10)	ND(4.60)	7.60	ND(3.80)	
Barium	31.7 J	164 J	42.8 J	24.1 J	
Beryllium	0.160	0.240	ND(0.0400)	0.100	
Chromium	11.4	14.1	12.2	6.10	
Cobalt	6.80	8.20	10.6	5.50	
Copper	29.0	27.4	34.9	14.5	
Lead	53.0	1870	165	43.1	
Mercury	0.180	1.90	0.210	0.190	
Nickel	11.0 J	15.7 J	18.9 J	9.40 J	
Selenium	ND(0.310)	ND(0.390)	0.400	ND(0.360)	
Silver	ND(0.120)	ND(0.150)	ND(0.130)	ND(0.140)	
Sulfide	ND(5.40) J	ND(5.30) J	ND(5.30) J	ND(5.30) J	
Thallium	ND(0.520)	ND(0.640)	ND(0.550)	ND(0.600)	
Tin	5.50	3.90	4.50	2.40	
Total Organic Carbon	5600	21000	6900	36000	
Vanadium	8.20	26.6	12.1	7.60	
Zinc	76.2 J	245 J	117 J	53.9 J	

Notes:

1. Sample collection and analysis performed by United States Environmental Protection Agency (EPA) Subcontractors. Results provided to GE under a Data Exchange Agreement between GE and EPA.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. NA - Not Analyzed.
4. With the exception of dioxin/furans, only those constituents detected in at least one sample are summarized.
5. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
6. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (semivolatiles, pesticides, herbicides, dioxin/furans)

J - Estimated Value.

Inorganics

J - Estimated Value.

R - Rejected.

TABLE 6
EXISTING GE APPENDIX IX+3 SOIL DATA - GROUP 3D

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: I7-99-000 Sample ID: I7-99-000B Sample Depth(Feet): 0-0.5 Date Collected: 09/22/94
Volatile Organics	
Methylene Chloride	0.0070 JB
Semivolatile Organics	
1,2,3,4-Tetrachlorobenzene	0.13 J
1,2,4-Trichlorobenzene	0.043 J
1-Methylnaphthalene	0.075 J
2-Methylnaphthalene	0.051 J
Acenaphthene	0.093 J
Acenaphthylene	0.47 J
Aniline	0.51 J
Anthracene	0.63 J
Benzo(a)anthracene	2.6
Benzo(a)pyrene	2.4
Benzo(b)fluoranthene	3.8 Z
Benzo(g,h,i)perylene	0.66 J
Benzo(k)fluoranthene	4.9 ZD
bis(2-Ethylhexyl)phthalate	0.051 J
Chrysene	2.0
Dibenzo(a,h)anthracene	0.14 J
Dibenzofuran	0.086 J
Di-n-Butylphthalate	0.17 JB
Fluoranthene	4.4
Fluorene	0.25 J
Indeno(1,2,3-cd)pyrene	0.63
Naphthalene	0.17 J
Pentachlorobenzene	0.15 J
Phenanthrene	1.7
Phenol	0.53 J
Pyrene	3.0
Organochlorine Pesticides	
None Detected	--
Organophosphate Pesticides	
Dimethoate	0.0062 JB
Herbicides	
None Detected	--
Furans	
2,3,7,8-TCDF	ND(0.000064)
TCDFs (total)	ND(0.000064)
1,2,3,7,8-PeCDF	ND(0.00010)
2,3,4,7,8-PeCDF	ND(0.00010)
PeCDFs (total)	0.00047
1,2,3,4,7,8-HxCDF	ND(0.00012)
1,2,3,6,7,8-HxCDF	ND(0.000092)
1,2,3,7,8,9-HxCDF	ND(0.00022)
2,3,4,6,7,8-HxCDF	ND(0.00017)
HxCDFs (total)	0.00022
1,2,3,4,6,7,8-HpCDF	ND(0.00018)
1,2,3,4,7,8,9-HpCDF	ND(0.00019)
HpCDFs (total)	ND(0.00018)
OCDF	ND(0.00035)

TABLE 6
EXISTING GE APPENDIX IX+3 SOIL DATA - GROUP 3D

SECOND INTERIM PDI REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
FLOODPLAIN RESIDENTIAL AND NON-RESIDENTIAL PROPERTIES ADJACENT TO THE 1-1/2 MILE REACH
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in dry weight parts per million, ppm)

Parameter	Parcel ID: I7-99-000 Sample ID: I7-99-000B Sample Depth(Feet): 0-0.5 Date Collected: 09/22/94
Dioxins	
2,3,7,8-TCDD	ND(0.000074)
TCDDs (total)	ND(0.000074)
1,2,3,7,8-PeCDD	ND(0.00013)
PeCDDs (total)	ND(0.00013)
1,2,3,4,7,8-HxCDD	ND(0.00021)
1,2,3,6,7,8-HxCDD	ND(0.00011)
1,2,3,7,8,9-HxCDD	ND(0.00018)
HxCDDs (total)	ND(0.00016)
1,2,3,4,6,7,8-HpCDD	ND(0.00021)
HpCDDs (total)	ND(0.00021)
OCDD	0.0010
Total TEQs (WHO TEFs)	0.00019
Inorganics	
Aluminum	6250
Antimony	0.280 BN
Arsenic	2.40
Barium	29.2
Beryllium	0.230
Calcium	9460
Chromium	13.2
Cobalt	7.30
Copper	30.1
Iron	14600
Lead	41.9
Magnesium	7900
Manganese	230
Mercury	0.130 N
Nickel	12.7
Potassium	740
Selenium	0.370 B
Silver	0.230 B
Tin	16.9
Vanadium	10.6
Zinc	81.4

Notes:

1. Sample was collected by Blasland, Bouck & Lee, Inc., and submitted to CompuChem Environmental Corporation for analysis of Appendix IX+3 constituents.
2. ND - Analyte was not detected. The number in parentheses is the associated detection limit.
3. With the exception of dioxin/furans, only detected constituents are summarized.
4. Total 2,3,7,8-TCDD toxicity equivalents (TEQs) were calculated using Toxicity Equivalency Factors (TEFs) derived by the World Health Organization (WHO) and published by Van den Berg et al. in Environmental Health Perspectives 106(2), December 1998.
5. -- Indicates that all constituents for the parameter group were not detected.

Data Qualifiers:

Organics (volatiles, semivolatiles, pesticides, herbicides, dioxin/furans)

B - Analyte was also detected in the associated method blank.

D - Compound quantitated using a secondary dilution.

J - Indicates an estimated value less than the practical quantitation limit (PQL).

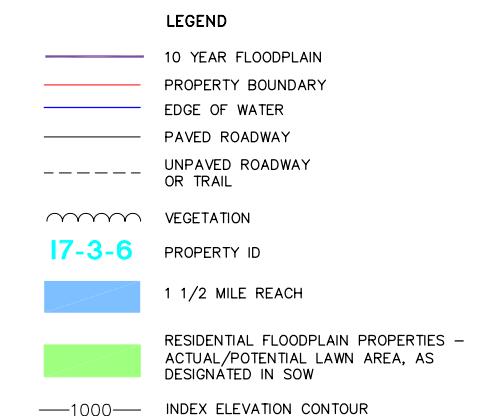
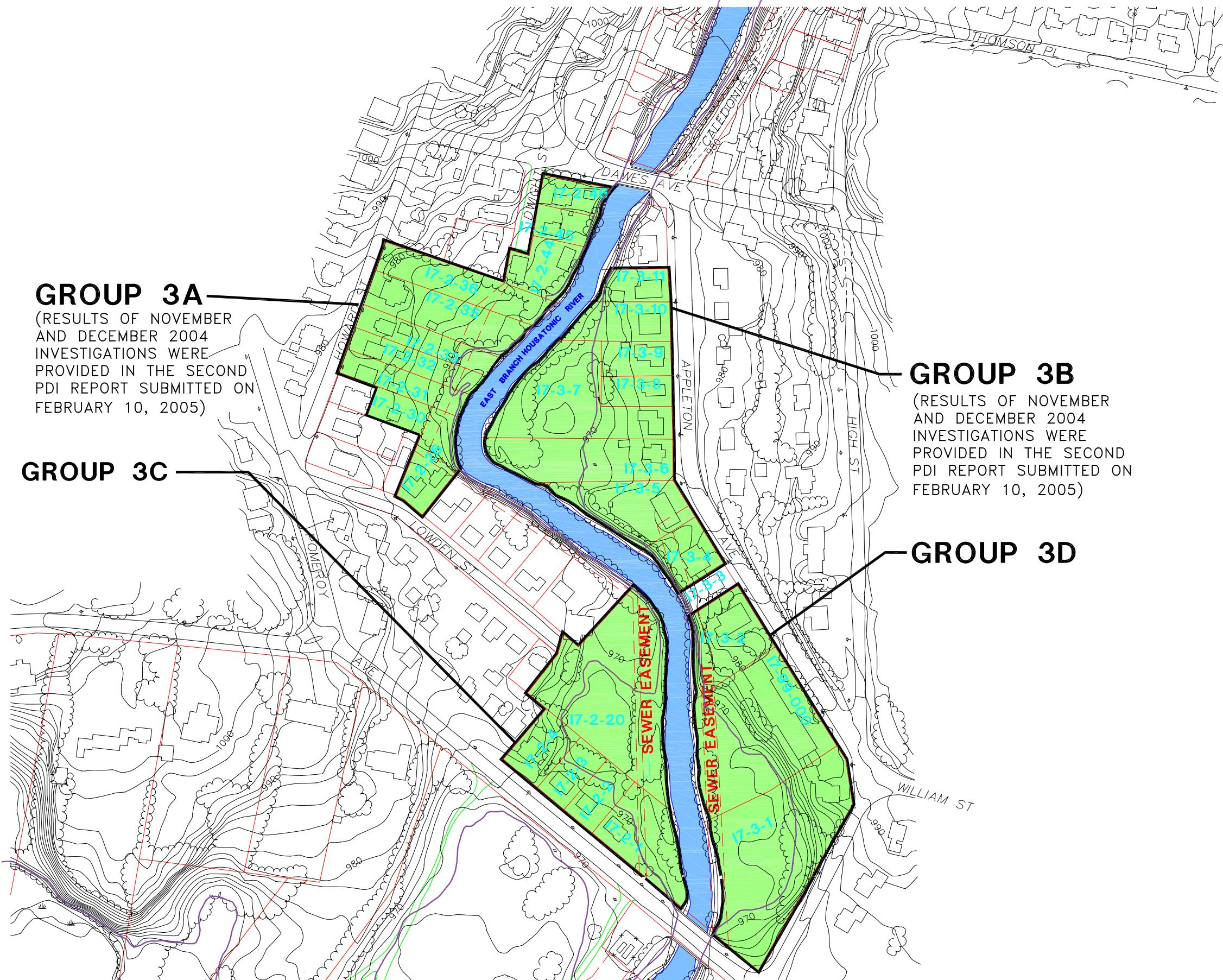
Z - Coeluting isomers could not be chromatographically resolved in the sample.

Inorganics

B - Indicates an estimated value between the instrument detection limit (IDL) and practical quantitation limit (PQL).

N - Indicates sample matrix spike analysis was outside control limits.

Figures



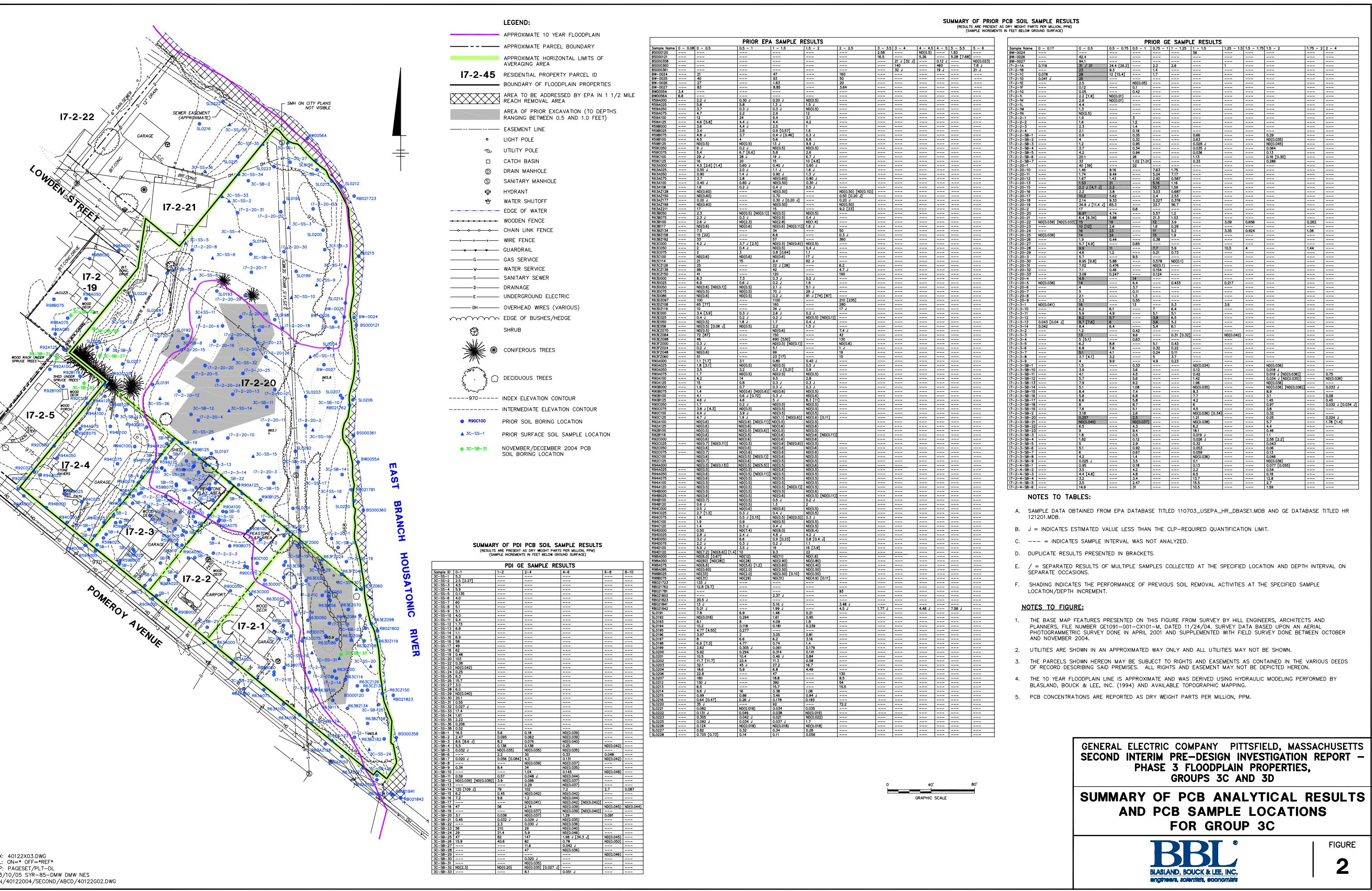
NOTES:

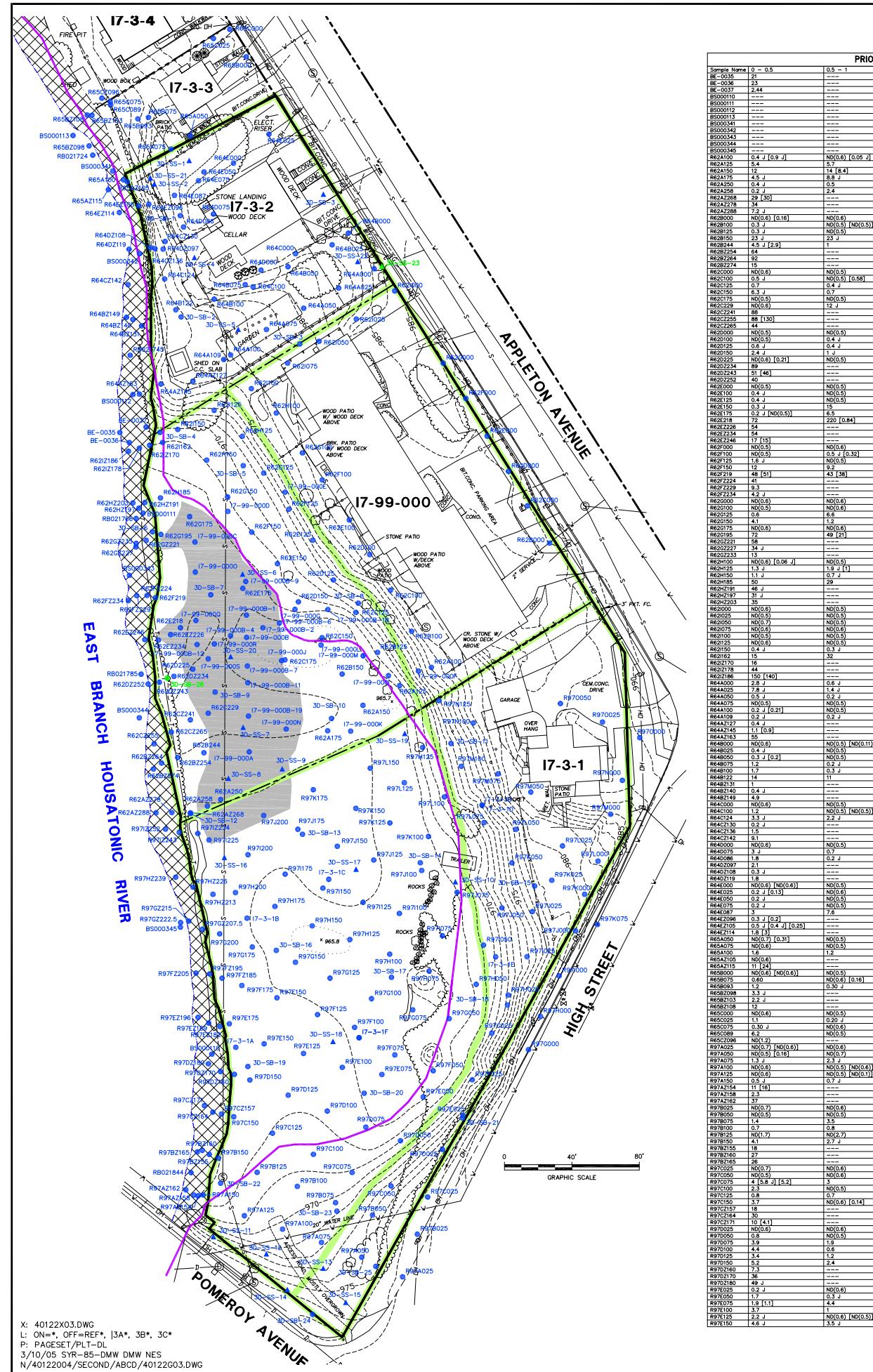
1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE WERE PHOTOGRAFMETRICALLY MAPPED FROM APRIL 1990 AERIAL PHOTOGRAPHS.
2. PARCEL IDENTIFICATION AND BOUNDARIES ARE BASED ON CITY OF PITTSFIELD TAX ASSESSORS' INFORMATION.
3. THE 10 YEAR FLOODPLAIN LINE IS APPROXIMATE AND WAS DERIVED USING HYDRAULIC MODELING PERFORMED BY BLASLAND, BOUCK & LEE, INC., (1994) AND AVAILABLE TOPOGRAPHIC MAPPING.

0 100' 200'
GRAPHIC SCALE

GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT –
PHASE 3 FLOODPLAIN PROPERTIES,
GROUPS 3C AND 3D

**PHASE 3, GROUP 3A THROUGH 3D
FLOODPLAIN PROPERTIES**





SUMMARY OF PRIOR PCB SOIL SAMPLE RESULTS
(RESULTS ARE PRESENT AS DRY WEIGHT PARTS PER MILLION, PPM)
(SAMPLE INGREDIENTS IN FEET BELOW GROUND SURFACE)

SUMMARY OF PDI PCB SOIL SAMPLE RESULTS
(RESULTS ARE PRESENT AS DRY WEIGHT PARTS PER MILLION, PPM)
(SAMPLE INGMENTS IN FEET BELOW GROUND SURFACE)

GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT -
PHASE 3 FLOODPLAIN PROPERTIES,
GROUPS 3C AND 3D

SUMMARY OF PCB ANALYTICAL RESULTS AND SAMPLE LOCATIONS FOR GROUP 3D

BBL
BLASLAND, BOUCK & LEE, INC.
environmetal scientists, economists
and engineers



LEGEND:

APPROXIMATE 10 YEAR FLOODPLAIN

APPROXIMATE PARCEL BOUNDARY

APPROXIMATE HORIZONTAL LIMITS OF AVERAGING AREA

AREA OF PRIOR EXCAVATION (TO DEPTHS RANGING BETWEEN 0.5 AND 1.0 FEET)

FENCELINE

RESIDENTIAL PROPERTY PARCEL ID

PRIOR HISTORIC APPENDIX IX+3 SOIL BORING LOCATION

NOVEMBER/DECEMBER 2004 APPENDIX IX+3 SURFACE SOIL LOCATION

NOVEMBER/DECEMBER 2004 APPENDIX IX+3 SOIL BORING LOCATION

BOUNDARY OF FLOODPLAIN PROPERTIES

AREA TO BE ADDRESSED BY EPA IN 1 1/2 MILE REACH REMOVAL AREA

DRAIN LINE

GAS LINE

OVERHEAD ELECTRIC

SANITARY SEWER LINE

WATER LINE

INDEX ELEVATION CONTOUR

INTERMEDIATE ELEVATION CONTOUR

NOTES:

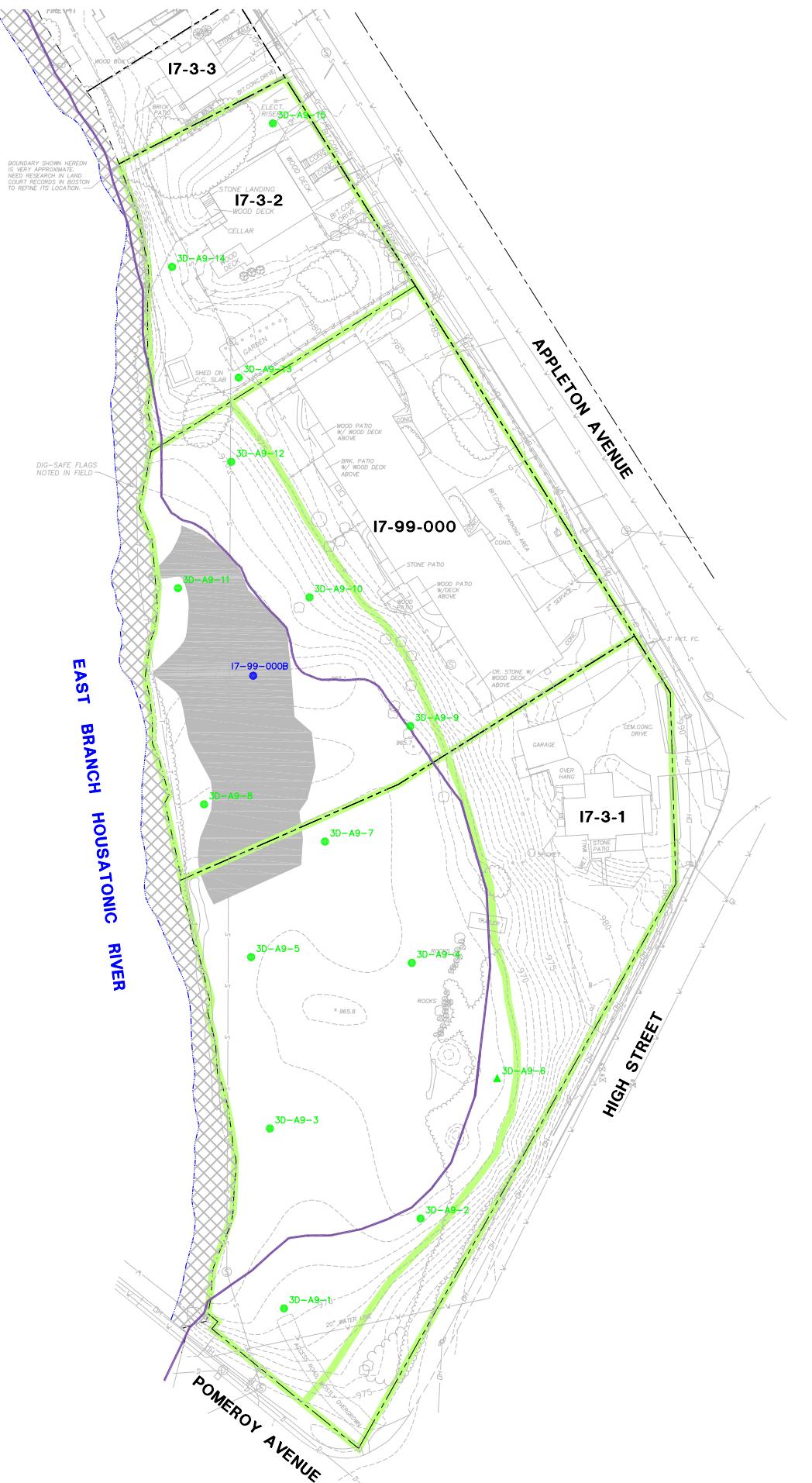
1. THE BASE MAP FEATURES PRESENTED ON THIS FIGURE FROM SURVEY BY HILL ENGINEERS, ARCHITECTS AND PLANNERS, FILE NUMBER GE1091-001-CX101-M, DATED 11/24/04. SURVEY DATA BASED UPON AN AERIAL PHOTOGRAMMETRIC SURVEY DONE IN APRIL 2001 AND SUPPLEMENTED WITH FIELD SURVEY DONE BETWEEN OCTOBER AND NOVEMBER 2004.
 2. UTILITIES ARE SHOWN IN AN APPROXIMATED WAY ONLY AND ALL UTILITIES MAY NOT BE SHOWN.
 3. THE PARCELS SHOWN HEREON MAY BE SUBJECT TO RIGHTS AND EASEMENTS AS CONTAINED IN THE VARIOUS DEEDS OF RECORD DESCRIBING SAID PREMISES. ALL RIGHTS AND EASEMENT MAY NOT BE DEPICTED HEREON.
 4. THE 10 YEAR FLOODPLAIN LINE IS APPROXIMATE AND WAS DERIVED USING HYDRAULIC MODELING PERFORMED BY BLASLAND, BOUCK & LEE, INC. (1994) AND AVAILABLE TOPOGRAPHIC MAPPING.

A horizontal graphic scale with markings at 0, 40', and 80'. The scale is labeled "GRAPHIC SCALE" below it.

**GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT -
PHASE 3 FLOODPLAIN PROPERTIES,
GROUPS 3C AND 3D**

SUMMARY OF EXISTING APPENDIX IX+3 SOIL SAMPLING LOCATIONS FOR GROUP 3C

BBL
BLASLAND, BOUCK & LEE, INC.
accountants, auditors, economists



GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT –
PHASE 3 FLOODPLAIN PROPERTIES,
GROUPS 3C AND 3D

**SUMMARY OF EXISTING APPENDIX
IX+3 SOIL SAMPLING LOCATIONS
FOR GROUP 3D**

Appendices



Appendix A

Soil Boring Logs



Date Start/Finish: 12/02/04
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Track-Mounted Power Probe
Sample Method: 2' Macrocore

Northing: 528392.4
Easting: 128040.8
Casing Elevation: NA
Borehole Depth: 5' Below Grade
Surface Elevation: 963.0
Descriptions By: DRR, TOR

Boring ID: 3C-A9-1
Client: General Electric Company
Location: Housatonic River 1 1/2 Mile
Phase 3 Floodplain

DEPTH ELEVATION	Stratigraphic Description						Boring Construction
	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column		
965							
0	1	0-1		0.0	x x x x	Dark brown SILT, trace Organic Material (Roots and Leaves), Ash and Cinder, moist. [FILL]	
	2	1-3	2.1	0.0		Brown fine SAND, trace Silt, moist.	
960	3	3-4		0.0			
5	4	4-5	1.0	0.0		Brown fine SAND, moist.	
955							
10							
950							
15							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF;

1-3': SVOCs, Inorganics, PCDD/PCDF;

3-5': SVOCs, Inorganics, PCDD/PCDF.

The water table was not encountered during the boring installation.

Date Start/Finish: 11/30/04
Drilling Company: BBL
Driller's Name: TOR
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 528522.3
Easting: 127994.3
Casing Elevation: NA

Borehole Depth: 3' Below Grade
Surface Elevation: 966.1

Descriptions By: DRR

Boring ID: 3C-A9-2

Client: General Electric Company

Location: Housatonic River 1 1/2 Mile
Phase 3 Floodplain

DEPTH ELEVATION	Sample Run Number	Sample/m/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description		Boring Construction
-0								
965	1	0-1	1.0	0.0	bgs	Dark brown SILT, trace fine Sand and Organic Material (Roots) over brown medium to fine sand, little silt, trace fine gravel, moist.		
	2	1-3	1.8	0.0	dots	Brown medium to fine SAND, trace Silt and Organic Material (Roots).		Borehole backfilled with Bentonite.
960								
10								
955								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF;

1-3': SVOCs, Inorganics, PCDD/PCDF.

The water table was not encountered during the boring installation.

Date Start/Finish: 11/30/04	Northing: 528457.2	Boring ID: 3C-A9-3
Drilling Company: BBL	Easting: 127964.9	Client: General Electric Company
Driller's Name: TOR	Casing Elevation: NA	
Drilling Method: Direct Push	Borehole Depth: 3' Below Grade	
Auger Size: NA	Surface Elevation: 970.2	
Rig Type: Hand Driven	Descriptions By: DRR	
Sample Method: 2' Macrocore		

DEPTH ELEVATION	Stratigraphic Description						Boring Construction
	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column		
0 970							
1 970	1	0-1	1.0	0.0		Dark brown SILT, trace fine Sand and Organic Material (Roots) over brown medium to fine sand, trace silt and organic material (roots), moist.	
2 965	2	1-3	1.7	0.0		Brown medium to fine SAND, trace Silt, fine Gravel, and Organic Material.	
5 965							
10 960							
15 955							

Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF;

1-3': SVOCs, Inorganics, PCDD/PCDF,

The water table was not encountered during the boring installation.



Date Start/Finish: 11/30/04	Northing: 528491.6	Boring ID: 3C-A9-4
Drilling Company: BBL	Easting: 127895.0	Client: General Electric Company
Driller's Name: TOR	Casing Elevation: NA	
Drilling Method: Direct Push	Borehole Depth: 3' Below Grade	
Auger Size: NA	Surface Elevation: 970.5	Location: Housatonic River 1 1/2 Mile
Rig Type: Hand Driven	Descriptions By: DRR	Phase 3 Floodplain
Sample Method: 2' Macrocore		

DEPTH ELEVATION	Stratigraphic Description						Boring Construction
	Sample Run Number	Sample/int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column		
0							
970	1	0-1	1.0	0.0		Dark brown SILT, trace fine Sand and Organic Material (Roots) over brown medium to fine sand, trace silt and fine gravel, moist.	
	2	1-3	1.5	0.0		Brown medium to fine SAND, trace fine Gravel, Silt, and Organic Material.	
965							
960							
10							
955							
15							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF;

1-2': SVOCs, Inorganics, PCDD/PCDF.

The water table was not encountered during the boring installation.

Date Start/Finish: 11/30/04	Northing: 528552.3	Boring ID: 3C-A9-5
Drilling Company: BBL	Easting: 127911.8	Client: General Electric Company
Driller's Name: TOR	Casing Elevation: NA	
Drilling Method: Direct Push	Borehole Depth: 1' Below Grade	Location: Housatonic River 1 1/2 Mile
Auger Size: NA	Surface Elevation: 967.4	Phase 3 Floodplain
Rig Type: Hand Driven		
Sample Method: 2" Macrocore	Descriptions By: DRR	

DEPTH ELEVATION	Sample Run Number	Stratigraphic Description					Boring Construction
		Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column		
970							
0	1	0-1	1.0	0.0	Dark brown SILT, trace fine Sand and Organic Material (Roots) over brown coarse to fine sand, trace fine gravel, silt and organic material.		Borehole backfilled with Bentonite.
965							
960							
-10							
955							
-15							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF.

The water table was not encountered during the boring installation.

Date Start/Finish: 12/02/04
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 528582.8
Easting: 127950.5
Casing Elevation: NA
Borehole Depth: 3' Below Grade
Surface Elevation: 967.0
Descriptions By: DRR, TOR

Boring ID: 3C-A9-6
Client: General Electric Company
Location: Housatonic River 1 1/2 Mile
Phase 3 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description		Boring Construction
-0									
		1	0-1	1.0	0.0		Brown SILT, trace fine Sand and Organic Material (Grass and Roots), moist.		
965		2	1-3	1.7	0.0		Brown fine SAND, moist.		
-5									
960									
-10									
955									
-15									



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF;

1-2': SVOCs, Inorganics, PCDD/PCDF;

MS/MSD collected (SVOCs, Inorganics, PCDD/PCDF, 1-2').

The water table was not encountered during the boring installation.

Date Start/Finish: 11/30/04	Northing: 528548.5	Boring ID: 3C-A9-7
Drilling Company: BBL	Easting: 127814.5	Client: General Electric Company
Driller's Name: TOR	Casing Elevation: NA	
Drilling Method: Direct Push	Borehole Depth: 3' Below Grade	
Auger Size: NA	Surface Elevation: 970.5	Location: Housatonic River 1 1/2 Mile
Rig Type: Hand Driven	Descriptions By: DRR	Phase 3 Floodplain
Sample Method: 2' Macrocore		

DEPTH	ELEVATION	Sample Run Number	Sample/Inv/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0								
970		1	0-1	1.0	0.0	bgs	Dark brown SILT, trace fine Sand and Organic Material (Roots) over brown coarse to fine sand, trace fine gravel, silt and organic material (roots).	Borehole backfilled with Bentonite.
		2	1-3	1.4	0.0	bgs	Brown medium to fine SAND, trace fine Gravel, Silt, and Organic Material.	
965								
10								
960								
15								
955								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF;

1-3': SVOCs, Inorganics, PCDD/PCDF;

Duplicate Sample ID: 3C-DUP-17 (SVOCs, Inorganics, PCDD/PCDF, 0-1').

The water table was not encountered during the boring installation.

Date Start/Finish: 11/30/04
Drilling Company: BBL
Driller's Name: TOR
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 528599.1
Easting: 127839.6
Casing Elevation: NA

Borehole Depth: 1' Below Grade
Surface Elevation: 967.9

Descriptions By: DRR

Boring ID: 3C-A9-8

Client: General Electric Company

Location: Housatonic River 1 1/2 Mile
Phase 3 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/ln/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description		Boring Construction
970									
0		1	0-1	1.0	0.0	bgs	Dark brown SILT, trace fine Sand and Organic Material (Roots) over brown medium to fine sand, trace silt, fine gravel, and organic material.		Borehole backfilled with Bentonite.
965									
960									
955									
15									



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1": SVOCs, Inorganics, PCDD/PCDF.

The water table was not encountered during the boring installation.

Date Start/Finish: 11/30/04	Northing: 528608.1	Boring ID: 3C-A9-9
Drilling Company: BBL	Easting: 127872.2	Client: General Electric Company
Driller's Name: TOR	Casing Elevation: NA	
Drilling Method: Direct Push	Borehole Depth: 3' Below Grade	Location: Housatonic River 1 1/2 Mile
Auger Size: NA	Surface Elevation: 966.1	Phase 3 Floodplain
Rig Type: Hand Driven		
Sample Method: 2' Macrocore	Descriptions By: DRR	

DEPTH	ELEVATION	Stratigraphic Description					Boring Construction
		Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	
0							
965	965	1	0-1	1.0	0.0	Dark brown SILT, trace fine Sand, Organic Material (Roots), and fine Gravel.	Borehole backfilled with Bentonite.
965	965	2	1-3	1.4	0.0	Dark brown SILT, trace fine Sand, Organic Material (Roots), and fine Gravel over brown coarse to fine sand, trace fine gravel and organic material.	
960							
955							
15							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF;

1-3': SVOCs, Inorganics, PCDD/PCDF;

MS/MSD collected (SVOCs, Inorganics, PCDD/PCDF, 0-1').

The water table was not encountered during the boring installation.

Date Start/Finish: 12/02/04	Northing: 528595.1	Boring ID: 3C-A9-10
Drilling Company: BBL	Easting: 127760.4	Client: General Electric Company
Driller's Name: JJB	Casing Elevation: NA	
Drilling Method: Direct Push	Borehole Depth: 3' Below Grade	
Auger Size: NA	Surface Elevation: 971.9	
Rig Type: Hand Driven	Descriptions By: DRR, TOR	
Sample Method: 2' Macrocore		

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0								
		1	0-1	1.0	0.0	bgs	Dark brown SILT, trace Organic Material (Roots), moist.	
970		2	1-3	1.8	0.0	bgs	Brown SILT with organic material (roots), some fine sand, moist.	
						bgs	Light brown SILT, trace fine Sand, moist.	Borehole backfilled with Bentonite.
-5								
965								
-10								
960								
-15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1': SVOCs, Inorganics; 1-2': SVOCs, Inorganics;
 Duplicate Sample ID: 3C-DUP-19 (SVOCs, Inorganics, 1-2').
 The water table was not encountered during the boring installation.

Date Start/Finish: 11/30/04
Drilling Company: BBL
Driller's Name: TOR
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 528652.6
Easting: 127808.7
Casing Elevation: NA

Borehole Depth: 1' Below Grade
Surface Elevation: 971.9

Descriptions By: DRR

Boring ID: 3C-A9-11

Client: General Electric Company

Location: Housatonic River 1 1/2 Mile
Phase 3 Floodplain

DEPTH	ELEVATION	Stratigraphic Description						Boring Construction
		Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column		
0								
1	0-1	1.0	0.0			Dark brown SILT, trace medium to fine Sand, fine Gravel, and Organic Material (Roots) over brown medium to fine sand, little silt.		Borehole backfilled with Bentonite.
970								
965								
960								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF.

The water table was not encountered during the boring installation.

Date Start/Finish: 12/02/04
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 528684.5
Easting: 127823.9
Casing Elevation: NA
Borehole Depth: 3' Below Grade
Surface Elevation: 969.9
Descriptions By: DRR, TOR

Boring ID: 3C-A9-12

Client: General Electric Company
Location: Housatonic River 1 1/2 Mile
 Phase 3 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description		Boring Construction
-0.970	970	1	0-1	1.0	0.0	bgs	Dark brown SILT, trace fine Sand, Organic Material (Roots), and Gravel, moist.		Borehole backfilled with Bentonite.
		2	1-3	2.0	0.0	bgs	Dark brown SILT, trace Gravel over light brown clay and silt, trace fine sand, moist.		
-5.965	965								
-10.960	960								
-15.955	955								



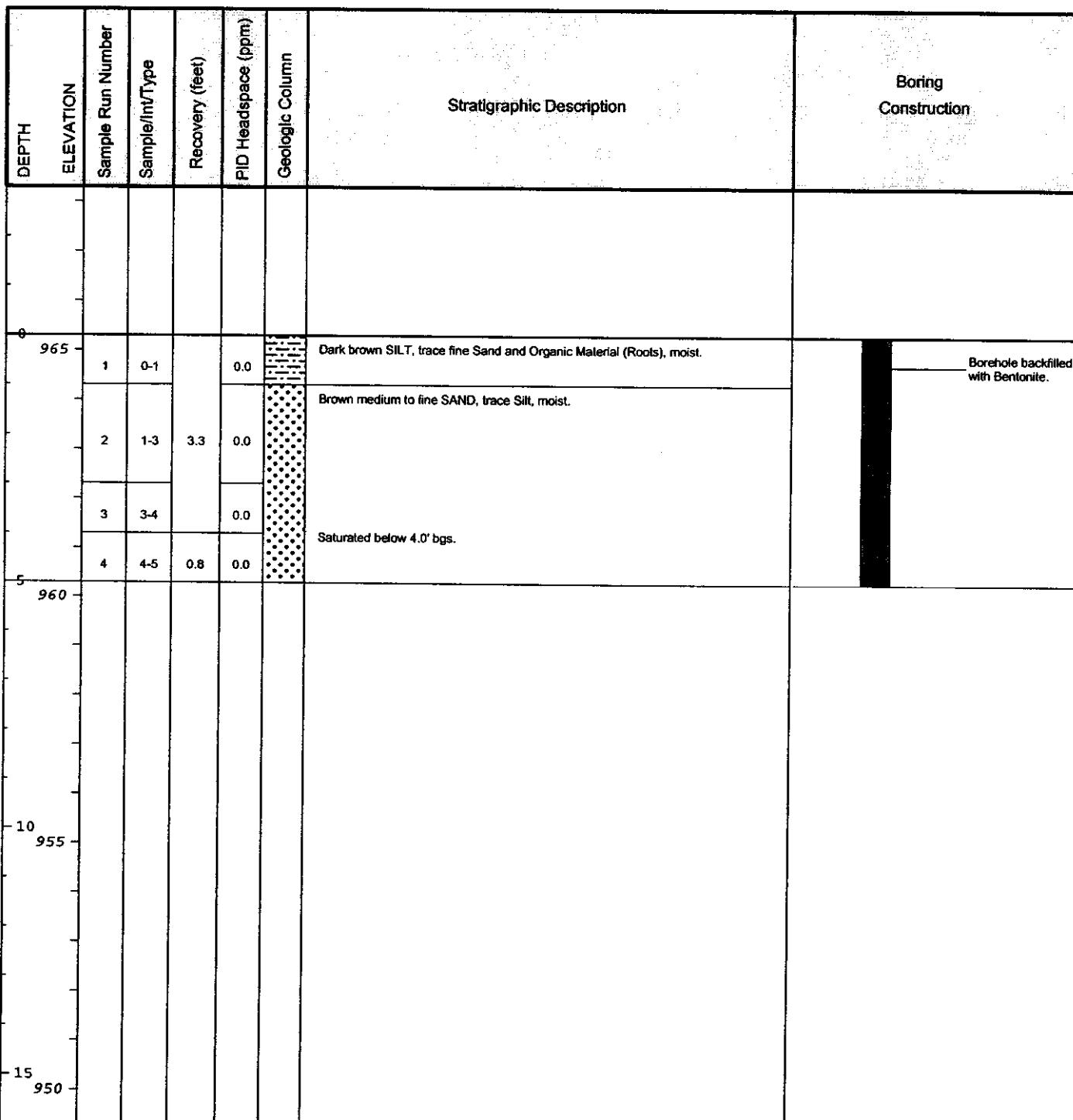
Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF;

1-2': SVOCs, Inorganics, PCDD/PCDF.

The water table was not encountered during the boring installation.

Date Start/Finish: 11/30/04	Northing: 528619.1	Boring ID: 3C-A9-13
Drilling Company: BBL	Eastng: 127951.4	Client: General Electric Company
Driller's Name: JTG	Casing Elevation: NA	
Drilling Method: Direct Push	Borehole Depth: 5' Below Grade	
Auger Size: NA	Surface Elevation: 965.3	Location: Housatonic River, 1 1/2 Mile
Rig Type: Track-Mounted Power Probe		Phase 3 Floodplain
Sample Method: 4' Macrocore		
	Descriptions By: DRR	



 BLASLAND, BOUCK & LEE, INC. <i>engineers, scientists, economists</i>	Remarks: bgs = below ground surface; NA = Not Applicable/Available. Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF; 1-3': SVOCs, Inorganics, PCDD/PCDF; 3-5': SVOCs, Inorganics, PCDD/PCDF. Water table apparently encountered due to the presence of saturated soils at ~4'.

Date Start/Finish: 11/30/04	Northing: 528744.4	Boring ID: 3C-A9-14
Drilling Company: BBL	Easting: 127950.4	Client: General Electric Company
Driller's Name: JTG	Casing Elevation: NA	
Drilling Method: Direct Push	Borehole Depth: 6' Below Grade	Location: Housatonic River 1 1/2 Mile
Auger Size: NA	Surface Elevation: 967.4	Phase 3 Floodplain
Rig Type: Track-Mounted Power Probe		
Sample Method: 4' Macrocore	Descriptions By: DRR	

DEPTH	ELEVATION	Stratigraphic Description						Boring Construction
		Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column		
970								
0								
965								
-5								
960								
-10								
955								
-15								

BBL BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists	Remarks: bgs = below ground surface; NA = Not Applicable/Available. Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF; 1-3': SVOCs, Inorganics, PCDD/PCDF; 3-5': SVOCs, Inorganics, PCDD/PCDF; Duplicate Sample ID: 3C-DUP-15 (SVOCs, Inorganics, PCDD/PCDF, 1-3'). Water table apparently encountered due to the presence of saturated soils at ~5'.
--	---

Date Start/Finish: 11/30/04
Drilling Company: BBL
Driller's Name: JTG
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Track-Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 528796.9
East: 127848.4
Casing Elevation: NA
Borehole Depth: 3' Below Grade
Surface Elevation: 972.4
Descriptions By: DRR

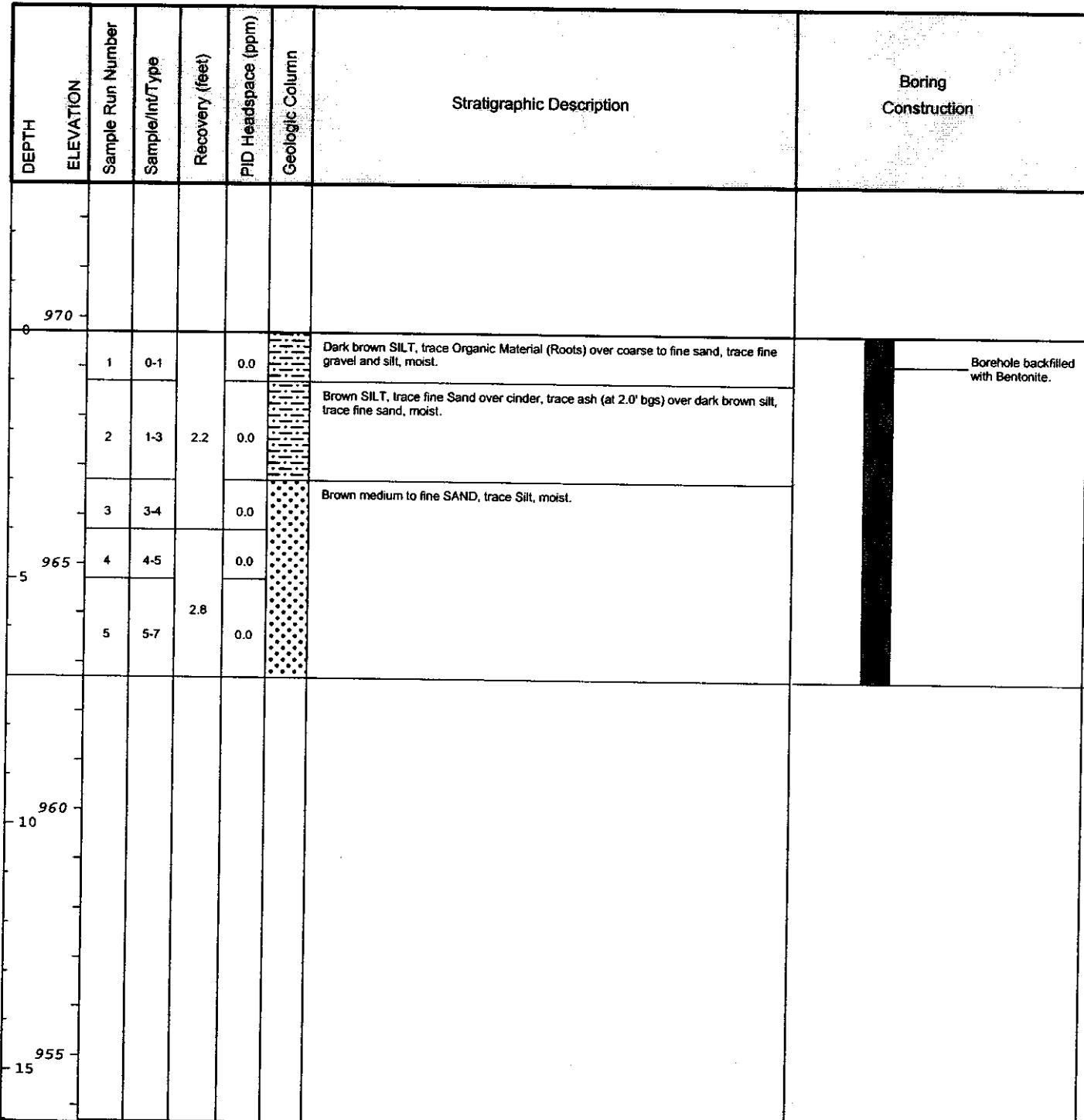
Boring ID: 3C-A9-15
Client: General Electric Company
Location: Housatonic River 1 1/2 Mile
Phase: Phase 3 Floodplain

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description		Boring Construction
975								
0								
970	1 2	0-1 1-3	0.0 2.0	0.0 0.0	●●●● ●●●●	Dark brown SILT, trace fine Sand and Organic Material (Roots) over brown silt and coarse to fine sand, trace fine gravel, moist. Brown coarse to fine SAND, little medium to fine Gravel, trace silt.		Borehole backfilled with Bentonite.
965								
960								
955								
950								
945								
940								
935								
930								
925								
920								
915								
910								
905								
900								
895								
890								
885								
880								
875								
870								
865								
860								
855								
850								
845								
840								
835								
830								
825								
820								
815								
810								
805								
800								
795								
790								
785								
780								
775								
770								
765								
760								
755								
750								
745								
740								
735								
730								
725								
720								
715								
710								
705								
700								
695								
690								
685								
680								
675								
670								
665								
660								
655								
650								
645								
640								
635								
630								
625								
620								
615								
610								
605								
600								
595								
590								
585								
580								
575								
570								
565								
560								
555								
550								
545								
540								
535								
530								
525								
520								
515								
510								
505								
500								
495								
490								
485								
480								
475								
470								
465								
460								
455								
450								
445								
440								
435								
430								
425								
420								
415								
410								
405								
400								
395								
390								
385								
380								
375								
370								
365								
360								
355								
350								
345								
340								
335								
330								
325								
320								
315								
310								
305								
300								
295								
290								
285								
280								
275								
270								
265								
260								
255								
250								
245								
240								
235								
230								
225								
220								
215								
210								
205								
200								
195								
190								
185								
180								
175								
170								
165								
160								
155								
150								
145								
140								
135								
130								
125								
120								
115								
110								
105								
100								
95								
90								
85								
80								
75								
70								
65								
60								
55								
50								
45								
40								
35								
30								
25								
20								
15								
10								
5								
0								

BBL
 BLASLAND, BOUCK & LEE, INC.
 engineers, scientists, economists

Remarks: bgs = below ground surface; NA = Not Applicable/Available.
 Analyses: 0-1: SVOCs, Inorganics, PCDD/PCDF;
 1-3: SVOCs, Inorganics, PCDD/PCDF.
 The water table was not encountered during the boring installation.

Date Start/Finish: 11/30/04	Northing: 528859.9	Boring ID: 3C-A9-16
Drilling Company: BBL	Eastings: 127987.5	Client: General Electric Company
Driller's Name: JTG	Casing Elevation: NA	
Drilling Method: Direct Push		
Auger Size: NA	Borehole Depth: 7' Below Grade	
Rig Type: Track-Mounted Power Probe	Surface Elevation: 969.7	Location: Housatonic River 1 1/2 Mile
Sample Method: 4' Macrocore	Descriptions By: DRR	Phase 3 Floodplain



Remarks: bgs = below ground surface; NA = Not Applicable/Available

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF:

1-3': SVOCs, Inorganics, PCDD/PCDF; 5-7': SVOCs, Inorganics, PCDD/PCDF; MS/MSD collected (SVOCs, Inorganics, PCDD/PCDF, 5-7')

The water table was not encountered during the boring installation.

Date Start/Finish: 12/02/04
Drilling Company: BBL
Driller's Name: TOR
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Jackhammer
Sample Method: 4' Macrocore

Northing: 528739.3
Easting: 127790.9
Casing Elevation: NA

Borehole Depth: 8' Below Grade
Surface Elevation: 973.1

Descriptions By: DRR, JJB

Boring ID: 3C-SB-27

Client: General Electric Company

Location: Housatonic River 1 1/2 Mile
Phase 3 Floodplain

DEPTH	ELEVATION	Stratigraphic Description					Boring Construction
		Sample Run Number	Sample Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	
975							
-0							
970							
5							
965							
10							
960							
-15							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 4-6': PCBs.

The water table was not encountered during the boring installation.

Date Start/Finish: 12/02/04 Drilling Company: BBL Driller's Name: TOR Drilling Method: Direct Push Auger Size: NA Rig Type: Jackhammer Sample Method: 4' Macrocore	Northing: 528763.9 Easting: 127785.4 Casing Elevation: NA Borehole Depth: 8' Below Grade Surface Elevation: 982.4 Descriptions By: DRR, JJB	Boring ID: 3C-SB-28 Client: General Electric Company Location: Housatonic River 1 1/2 Mile Phase 3 Floodplain
--	--	--

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
985							
0	1	0-1		0.0		Dark brown fine SAND, little Silt and fine to medium Gravel, trace organic material, moist.	
980	2	1-2		0.0		Light brown fine to medium SAND, little fine Gravel, trace coarse sand, moist.	
	3	2-4		2.0			
	4	4-6		0.0		Light brown fine to medium SAND, little fine to medium Gravel, moist.	
	5	6-8		0.0		Brown fine to medium SAND, little fine to medium Gravel, moist.	
975							
10							
970							
15							

BBL BLASLAND, BOUCK & LEE, INC. engineers, scientists, economists	Remarks: bgs = below ground surface; NA = Not Applicable/Available. Analyses: 4-6': PCBs. The water table was not encountered during the boring installation.
--	--

Date Start/Finish: 12/02/04	Northing: 528713.9	Boring ID: 3C-SB-30
Drilling Company: BBL	Easting: 127776.4	Client: General Electric Company
Driller's Name: TOR	Casing Elevation: NA	
Drilling Method: Direct Push	Borehole Depth: 8' Below Grade	
Auger Size: NA	Surface Elevation: 976.6	
Rig Type: Track-Mounted Power Probe	Descriptions By: DRR, JJB	
Sample Method: 4' Macrocore		

DEPTH	ELEVATION	Stratigraphic Description						Boring Construction
		Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column		
0								
975	1 0-1			0.0		Dark brown fine SAND and SILT, trace fine Gravel and Organic Material, moist.		
975	2 1-2			2.7	0.0	Dark brown fine SAND and SILT, trace fine Gravel, moist.		
975	3 2-4				0.0	Gray-brown fine to medium SAND, some fine to coarse Gravel, moist.		
970	4 4-6				0.0	Gray-brown fine to medium SAND, little fine to coarse Gravel, trace cobble, moist.		
970	5 6-8			2.6	0.0	Light brown fine to medium SAND, little fine to coarse Gravel, trace cobble, moist.		
965								
960								
955								
950								
945								
940								
935								
930								
925								
920								
915								
910								
905								
900								
895								
890								
885								
880								
875								
870								
865								
860								
855								
850								
845								
840								
835								
830								
825								
820								
815								
810								
805								
800								
795								
790								
785								
780								
775								
770								
765								
760								
755								
750								
745								
740								
735								
730								
725								
720								
715								
710								
705								
700								
695								
690								
685								
680								
675								
670								
665								
660								
655								
650								
645								
640								
635								
630								
625								
620								
615								
610								
605								
600								
595								
590								
585								
580								
575								
570								
565								
560								
555								
550								
545								
540								
535								
530								
525								
520								
515								
510								
505								
500								
495								
490								
485								
480								
475								
470								
465								
460								
455								
450								
445								
440								
435								
430								
425								
420								
415								
410								
405								
400								
395								
390								
385								
380								
375								
370								
365								
360								
355								
350								
345								
340								
335								
330								
325								
320								
315								
310								
305								
300								
295								
290								
285								
280								
275								
270								
265								
260								
255								
250								
245								
240								
235								
230								
225								
220								
215								
210								
205								
200								
195								
190								
185								
180								
175								
170								
165								
160								
155								
150								
145								
140								
135								
130								
125								
120								
115								
110								
105								
100								
95								
90								
85								
80								
75								
70								
65								
60								
55								
50								
45								
40								
35								
30								
25								
20								
15								
10								
5								
0								

Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 2-4': PCBs.

The water table was not encountered during the boring installation.



Date Start/Finish: 12/02/04
Drilling Company: BBL
Driller's Name: TOR
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Track-Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 528737.2
Easting: 127751.6
Casing Elevation: NA

Borehole Depth: 8' Below Grade
Surface Elevation: 976.9

Descriptions By: DRR, JJB

Boring ID: 3C-SB-31

Client: General Electric Company

Location: Housatonic River 1 1/2 Mile
Phase 3 Floodplain

DEPTH	ELEVATION	Stratigraphic Description					Boring Construction
		Sample Run Number	Sample/int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	
0							
975	975	1	0-1	0.0	0.0	Brown fine to medium SAND, little Silt, trace fine gravel and organic material.	
975	975	2	1-2	2.7	0.0	Light brown-gray fine to medium SAND, some fine Gravel, trace cobble.	Borehole backfilled with Bentonite.
970	970	3	2-4		0.0		
970	970	4	4-6		0.0		
970	970	5	6-8	2.0	0.0		
10							
965							
-15							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 2-4': PCBs.

The water table was not encountered during the boring installation.

Date Start/Finish: 11/30/04
Drilling Company: BBL
Driller's Name: JTG
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Track-Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 528776.4
Easting: 127764.3
Casing Elevation: NA

Borehole Depth: 8' Below Grade
Surface Elevation: 977.9

Descriptions By: DRR

Boring ID: 3C-SB-32

Client: General Electric Company

Location: Housatonic River 1 1/2 Mile
Phase 3 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
980								
0								
975		1 0-1		0.0			Dark brown SILT, trace fine Sand and Organic Material (Roots), moist.	
		2 1-2		0.0			Dark brown SILT, trace fine Sand and medium to fine Gravel over light brown medium to fine sand with medium to fine gravel, moist.	
		3 2-4		2.5	0.0		Dark to light brown coarse to fine SAND, some fine Gravel, trace silt.	
5		4 4-6		0.0			Interspersed layers of brown to dark brown coarse to fine SAND and medium to fine GRAVEL, trace Silt; gray to light brown medium to fine gravel, little coarse to fine sand.	
970		5 6-8		3.0	0.0			
10								
965								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': PCBs; 1-2': PCBs; 2-4': PCBs.

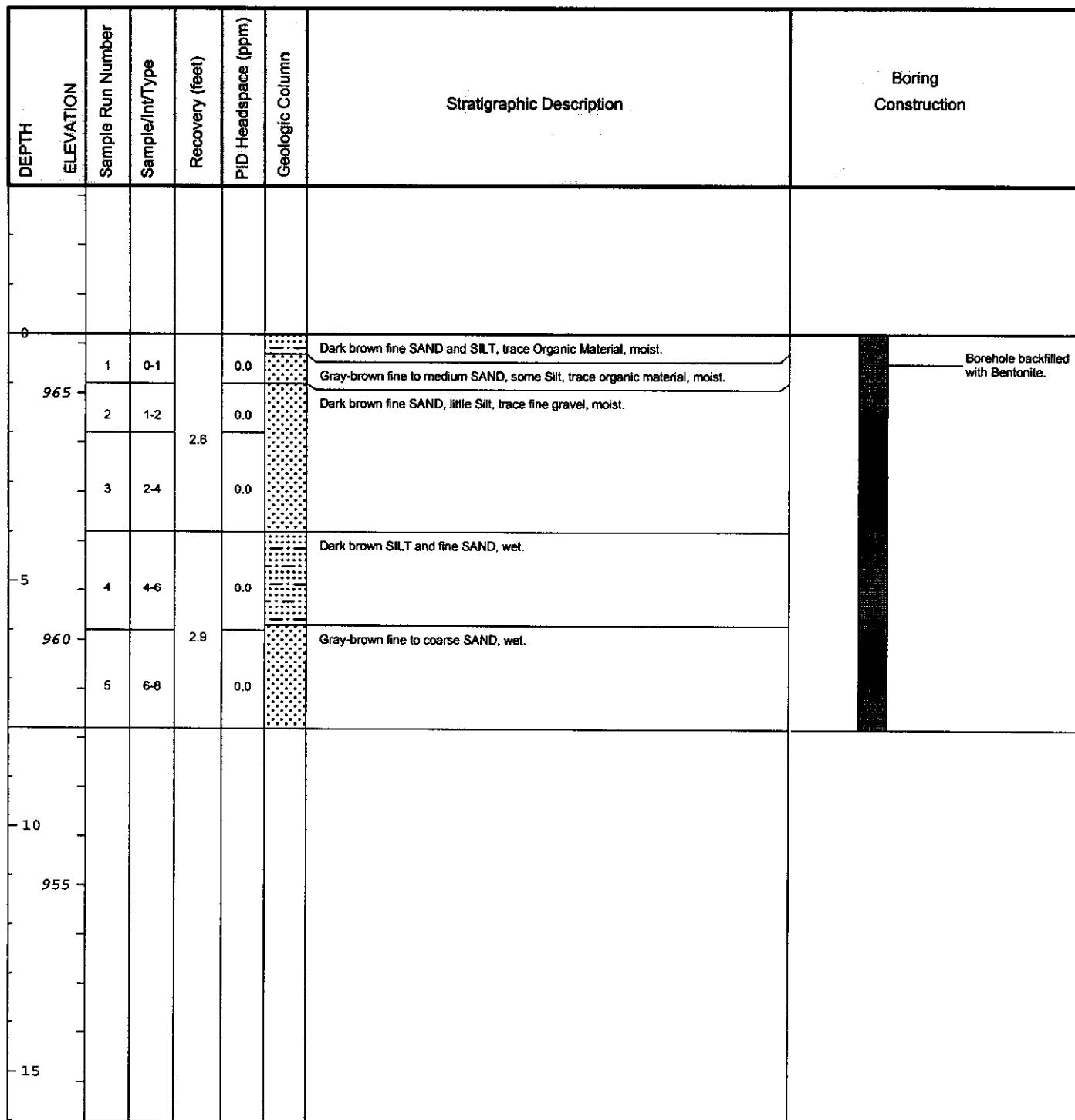
Duplicate Sample ID: 3C-DUP-16 (PCBs, 2-4').

The water table was not encountered during the boring installation.

Date Start/Finish: 12/02/04
Drilling Company: BBL
Driller's Name: TOR
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Track-Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 528464.0
Easting: 128013.1
Casing Elevation: NA
Borehole Depth: 8' Below Grade
Surface Elevation: 966.2
Descriptions By: DRR, JJB

Boring ID: 3C-SB-33
Client: General Electric Company
Location: Housatonic River 1 1/2 Mile Phase 3 Floodplain



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 2-4': PCBs; 4-6': PCBs.

The water table was not encountered during the boring installation.

Date Start/Finish: 12/01/04
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 528291.5
Easting: 128170.9
Casing Elevation: NA
Borehole Depth: 3' Below Grade
Surface Elevation: 969.7
Descriptions By: DRR

Boring ID: 3D-A9-1
Client: General Electric Company
Location: Housatonic River 1 1/2 Mile
Phase 3 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description		Boring Construction
970	0								
		1	0-1		0.0		Dark brown fine SAND, little Silt and fine to medium Gravel, trace organic material, moist.		
		2	1-3	2.4	0.0		Brown fine SAND, little Silt and fine to medium Gravel, moist.		Borehole backfilled with Bentonite.
965	5								
960	10								
955	15								



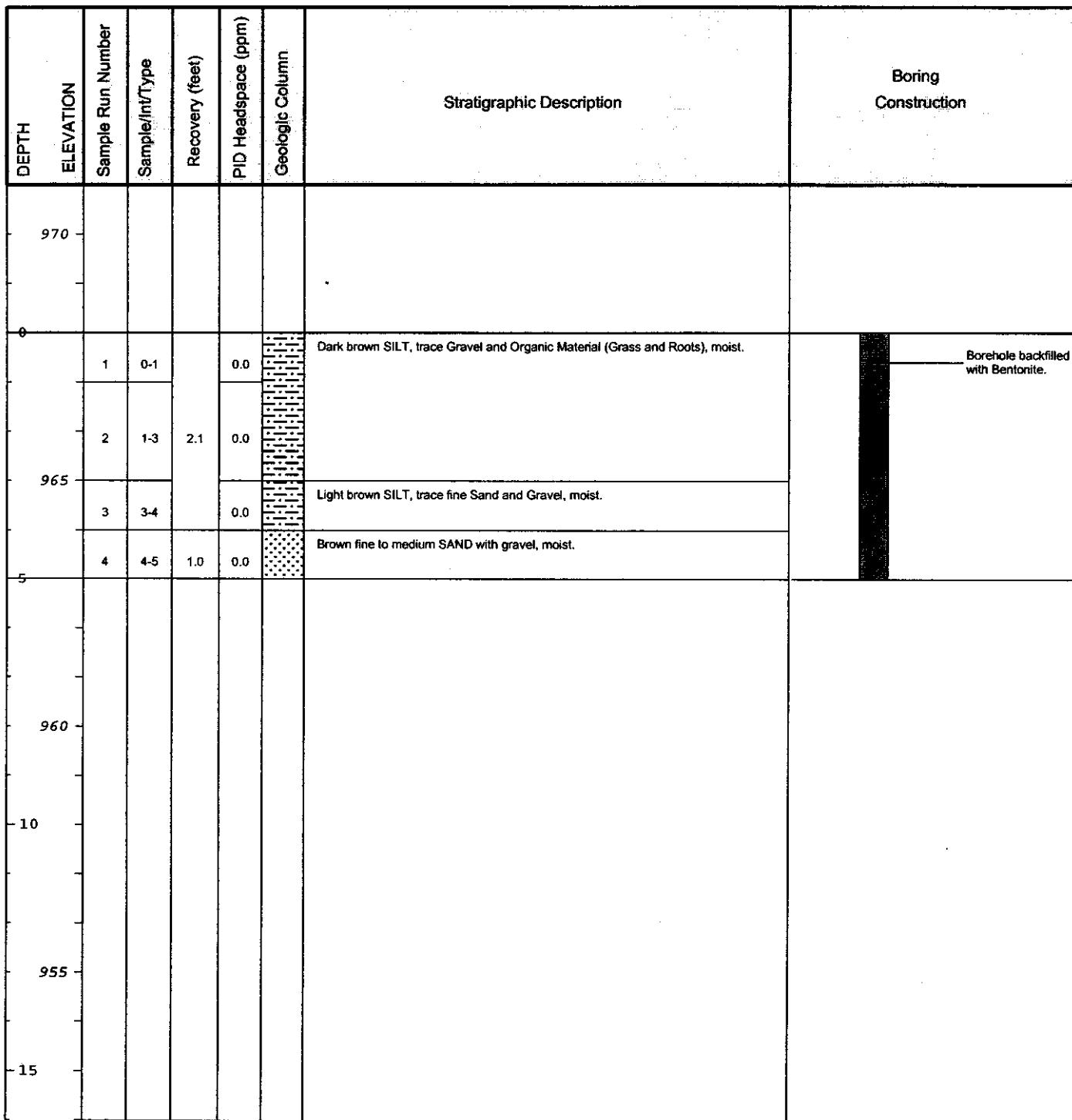
Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF;

1-3': SVOCs, Inorganics, PCDD/PCDF.

The water table was not encountered during the boring installation.

Date Start/Finish: 12/02/04	Northing: 528339.8	Boring ID: 3D-A9-2
Drilling Company: BBL	Easting: 128244.3	Client: General Electric Company
Driller's Name: JJB	Casing Elevation: NA	
Drilling Method: Direct Push	Borehole Depth: 5' Below Grade	Location: Housatonic River 1 1/2 Mile
Auger Size: NA	Surface Elevation: 968.0	Phase 3 Floodplain
Rig Type: Jackhammer		
Sample Method: 4' Macrocore	Descriptions By: DRR, TOR	



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF;

1-3': SVOCs, Inorganics, PCDD/PCDF;

3-5': SVOCs, Inorganics, PCDD/PCDF.

The water table was not encountered during the boring installation.

Date Start/Finish: 12/01/04
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 528388.2
Easting: 128163.3
Casing Elevation: NA
Borehole Depth: 3' Below Grade
Surface Elevation: 967.2
Descriptions By: DRR

Boring ID: 3D-A9-3
Client: General Electric Company
Location: Housatonic River 1 1/2 Mile
Phase 3 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description		Boring Construction
970									
0									
965		1 0-1		2.6	0.0		Brown fine SAND and SILT, little fine to medium Gravel, trace organic material, moist.	Brown fine to medium SAND, little Silt and fine to medium Gravel, moist.	Borehole backfilled with Bentonite.
960		2 1-3			0.0				
955									
950									
945									
940									
935									
930									
925									
920									
915									
910									
905									
900									
895									
890									
885									
880									
875									
870									
865									
860									
855									
850									
845									
840									
835									
830									
825									
820									
815									
810									
805									
800									
795									
790									
785									
780									
775									
770									
765									
760									
755									
750									
745									
740									
735									
730									
725									
720									
715									
710									
705									
700									
695									
690									
685									
680									
675									
670									
665									
660									
655									
650									
645									
640									
635									
630									
625									
620									
615									
610									
605									
600									
595									
590									
585									
580									
575									
570									
565									
560									
555									
550									
545									
540									
535									
530									
525									
520									
515									
510									
505									
500									
495									
490									
485									
480									
475									
470									
465									
460									
455									
450									
445									
440									
435									
430									
425									
420									
415									
410									
405									
400									
395									
390									
385									
380									
375									
370									
365									
360									
355									
350									
345									
340									
335									
330									
325									
320									
315									
310									
305									
300									
295									
290									
285									
280									
275									
270									
265									
260									
255									
250									
245									
240									
235									
230									
225									
220									
215									
210									
205									
200									
195									
190									
185									
180									
175									
170									
165									
160									
155									
150									
145									
140									
135									
130									
125									
120									
115									
110									
105									
100									
95									
90									
85									
80									
75									
70									
65									
60									
55									
50									
45									
40									
35									
30									
25									
20									
15									
10									
5									
0									

Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF;

1-3': SVOCs, Inorganics, PCDD/PCDF.

The water table was not encountered during the boring installation.

Date Start/Finish: 12/01/04
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 528477.2
East: 128239.6
Casing Elevation: NA

Borehole Depth: 3' Below Grade
Surface Elevation: 967.0

Descriptions By: DRR

Boring ID: 3D-A9-4

Client: General Electric Company

Location: Housatonic River 1 1/2 Mile
Phase 3 Floodplain

DEPTH	ELEVATION	Stratigraphic Description					Boring Construction
		Sample Run Number	Sample/ln/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	
-3.0							
-0							
965	0	1	0-1	2.4	0.0	Dark brown SILT, little fine Sand, trace fine gravel and organic material, moist.	Borehole backfilled with Bentonite.
960		2	1-3		0.0	Orange-brown fine to medium SAND, little Silt and fine to medium Gravel, moist.	
955							
15							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF;

1-3': SVOCs, Inorganics, PCDD/PCDF.

The water table was not encountered during the boring installation.

Date Start/Finish: 12/01/04
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 528480.3
Easting: 128153.2
Casing Elevation: NA
Borehole Depth: 5' Below Grade
Surface Elevation: 966.7
Descriptions By: DRR

Boring ID: 3D-A9-5
Client: General Electric Company
Location: Housatonic River 1 1/2 Mile Phase 3 Floodplain

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description		Boring Construction
0									
-965	965	1	0-1		0.0	bgs	Dark brown fine SAND and SILT, little fine to medium Gravel, trace organic material, moist.		Borehole backfilled with Bentonite.
-965	965	2	1-3	2.7	0.0	bgs	Brown fine to medium SAND, some Silt and fine to medium Gravel, moist.		
-965	965	3	3-4		0.0	bgs	Brown fine SAND and SILT, little fine Gravel, moist.		
-965	965	4	4-5	1.0	0.0	bgs			
-955									
-955									
-10									
-10									
-15									



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF;

1-3': SVOCs, Inorganics, PCDD/PCDF;

3-5': SVOCs, Inorganics, PCDD/PCDF.

The water table was not encountered during the boring installation.

Date Start/Finish: 12/01/04
Drilling Company: BBL
Driller's Name: JJB, TOR
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Hand Driven
Sample Method: 2' Macrocore

Northing: 528414.6
Easting: 128285.5
Casing Elevation: NA

Borehole Depth: 1' Below Grade
Surface Elevation: 966.5

Descriptions By: DRR

Boring ID: 3D-A9-6

Client: General Electric Company

Location: Housatonic River 1 1/2 Mile
Phase 3 Floodplain

DEPTH	ELEVATION	Stratigraphic Description					Boring Construction
		Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	
0	966.5						
1	965.5	1	0-1	0.9	0.0	Dark brown SILT, trace Organic Material (Roots and Leaves). Brown SILT, trace fine Sand, Organic Material (Grass and Roots), and fine Gravel.	Borehole backfilled with Bentonite.
5	960.5						
10	955.5						
15	950.5						



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF.

The water table was not encountered during the boring installation.

Date Start/Finish: 12/01/04	Nothing: 528542.4	Boring ID: 3D-A9-7
Drilling Company: BBL	Easting: 128192.9	Client: General Electric Company
Driller's Name: JJB	Casing Elevation: NA	
Drilling Method: Direct Push		
Auger Size: NA	Borehole Depth: 5' Below Grade	Location: Housatonic River 1 1/2 Mile
Rig Type: Tractor-Mounted Power Probe	Surface Elevation: 966.8	Phase 3 Floodplain
Sample Method: 4' Macrocore	Descriptions By: DRR	

DEPTH	ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description	Boring Construction
0								
965	960	1	0-1		0.0		Dark brown SILT and fine SAND, little medium to fine Gravel, trace organic material, moist.	
	955	2	1-3	2.2	0.0		Brown fine to medium SAND, little Silt and fine to medium Gravel, moist.	
	950	3	3-4		0.0			
5	945	4	4-5	1.0	0.0		Brown fine SAND and SILT, moist.	Borehole backfilled with Bentonite.
10	940							
15	935							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF:

1-3: SVOCs, Inorganics, PCDD/PCDE:

3-5': SVOCs, Inorganics, PCDD/PCDF

The water table was not encountered during the boring installation.

Date Start/Finish: 12/01/04	Northing: 528562.4	Boring ID: 3D-A9-8
Drilling Company: BBL	Easting: 128127.9	Client: General Electric Company
Driller's Name: JJB	Casing Elevation: NA	
Drilling Method: Direct Push	Borehole Depth: 3' Below Grade	
Auger Size: NA	Surface Elevation: 966.8	Location: Housatonic River 1 1/2 Mile
Rig Type: Tractor-Mounted Power Probe	Descriptions By: DRR	Phase 3 Floodplain
Sample Method: 4' Macrocore		

DEPTH ELEVATION	Sample Run Number	Sample/ln/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description		Boring Construction
0								
1	0-1			0.0		Dark brown fine SAND and SILT, trace Organic Material, moist.		
						Brown fine SAND, some Silt, trace fine gravel and organic material, moist.		
965	2	1-3	2.5	0.0		Orange-brown fine SAND, moist.		Borehole backfilled with Bentonite.
5								
960								
1.0								
955								
-15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF;

1-3': SVOCs, Inorganics, PCDD/PCDF;

MS/MSD collected (SVOCs, Inorganics, PCDD/PCDF, 1-3').

The water table was not encountered during the boring installation.

Date Start/Finish: 12/01/04	Northing: 528604.5	Boring ID: 3D-A9-9
Drilling Company: BBL	Easting: 128238.8	Client: General Electric Company
Driller's Name: JJB	Casing Elevation: NA	
Drilling Method: Direct Push	Borehole Depth: 3' Below Grade	Location: Housatonic River 1 1/2 Mile
Auger Size: NA	Surface Elevation: 966.6	Phase 3 Floodplain
Rig Type: Tractor-Mounted Power Probe		
Sample Method: 4' Macrocore	Descriptions By: DRR	

DEPTH ELEVATION	Sample Run Number	Sample Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description		Boring Construction
0								
965	1	0-1	2.2	0.0		Dark brown fine SAND and SILT, trace fine Gravel and Organic Material, moist.		Borehole backfilled with Bentonite.
960	2	1-3		0.0		Orange-brown fine to medium SAND, little Silt and fine to medium Gravel, moist.		
955								
950								
945								
940								
935								
930								
925								
920								
915								
910								
905								
900								
895								
890								
885								
880								
875								
870								
865								
860								
855								
850								
845								
840								
835								
830								
825								
820								
815								
810								
805								
800								
795								
790								
785								
780								
775								
770								
765								
760								
755								
750								
745								
740								
735								
730								
725								
720								
715								
710								
705								
700								
695								
690								
685								
680								
675								
670								
665								
660								
655								
650								
645								
640								
635								
630								
625								
620								
615								
610								
605								
600								
595								
590								
585								
580								
575								
570								
565								
560								
555								
550								
545								
540								
535								
530								
525								
520								
515								
510								
505								
500								
495								
490								
485								
480								
475								
470								
465								
460								
455								
450								
445								
440								
435								
430								
425								
420								
415								
410								
405								
400								
395								
390								
385								
380								
375								
370								
365								
360								
355								
350								
345								
340								
335								
330								
325								
320								
315								
310								
305								
300								
295								
290								
285								
280								
275								
270								
265								
260								
255								
250								
245								
240								
235								
230								
225								
220								
215								
210								
205								
200								
195								
190								
185								
180								
175								
170								
165								
160								
155								
150								
145								
140								
135								
130								
125								
120								
115								
110								
105								
100								
95								
90								
85								
80								
75								
70								
65								
60								
55								
50								
45								
40								
35								
30								
25								
20								
15								
10								
5								
0								

Date Start/Finish: 12/01/04
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 528673.7
Easting: 128184.6
Casing Elevation: NA

Borehole Depth: 5' Below Grade
Surface Elevation: 970.1

Descriptions By: DRR

Boring ID: 3D-A9-10

Client: General Electric Company

Location: Housatonic River 1 1/2 Mile
Phase 3 Floodplain

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description		Boring Construction
-1 970								
0 970	1	0-1		0.0		Dark brown fine SAND and SILT, trace fine Gravel and Organic Material, moist. Orange-brown fine to medium SAND, little Silt and fine to medium Gravel, moist.		
	2	1-3	2.8	0.0				
	3	3-4		0.0				
	4	4-5	1.0	0.0				
5 965								
10 960								
15 955								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF;

1-3': SVOCs, Inorganics, PCDD/PCDF; 3-5': SVOCs, inorganics, PCDD/PCDF;

Duplicate Sample ID: 3D-DUP-18 (SVOCs, Inorganics, PCDD/PCDF, 3-5').

The water table was not encountered during the boring installation.

Date Start/Finish: 12/01/04	Northing: 528678.6	Boring ID: 3D-A9-11
Drilling Company: BBL	Easting: 128113.9	Client: General Electric Company
Driller's Name: JJB	Casing Elevation: NA	
Drilling Method: Direct Push	Borehole Depth: 3' Below Grade	
Auger Size: NA	Surface Elevation: 967.1	Location: Housatonic River 1 1/2 Mile
Rig Type: Tractor-Mounted Power Probe	Descriptions By: DRR	Phase 3 Floodplain
Sample Method: 4' Macrocore		

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description		Boring Construction
970								
960								
965	1	0-1	2.6	0.0	Dark brown SILT and fine SAND, trace Organic Material, moist.			Borehole backfilled with Bentonite.
					Orange-brown fine SAND, moist.			
955	2	1-3		0.0				
950								
945								
940								
935								
930								
925								
920								
915								
910								
905								
900								
895								
890								
885								
880								
875								
870								
865								
860								
855								
850								
845								
840								
835								
830								
825								
820								
815								
810								
805								
800								
795								
790								
785								
780								
775								
770								
765								
760								
755								
750								
745								
740								
735								
730								
725								
720								
715								
710								
705								
700								
695								
690								
685								
680								
675								
670								
665								
660								
655								
650								
645								
640								
635								
630								
625								
620								
615								
610								
605								
600								
595								
590								
585								
580								
575								
570								
565								
560								
555								
550								
545								
540								
535								
530								
525								
520								
515								
510								
505								
500								
495								
490								
485								
480								
475								
470								
465								
460								
455								
450								
445								
440								
435								
430								
425								
420								
415								
410								
405								
400								
395								
390								
385								
380								
375								
370								
365								
360								
355								
350								
345								
340								
335								
330								
325								
320								
315								
310								
305								
300								
295								
290								
285								
280								
275								
270								
265								
260								
255								
250								
245								
240								
235								
230								
225								
220								
215								
210								
205								
200								
195								
190								
185								
180								
175								
170								
165								
160								
155								
150								
145								
140								
135								
130								
125								
120								
115								
110								
105								
100								
95								
90								
85								
80								
75								
70								
65								
60								
55								
50								
45								
40								
35								
30								
25								
20								
15								
10								
5								
0								

Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF;

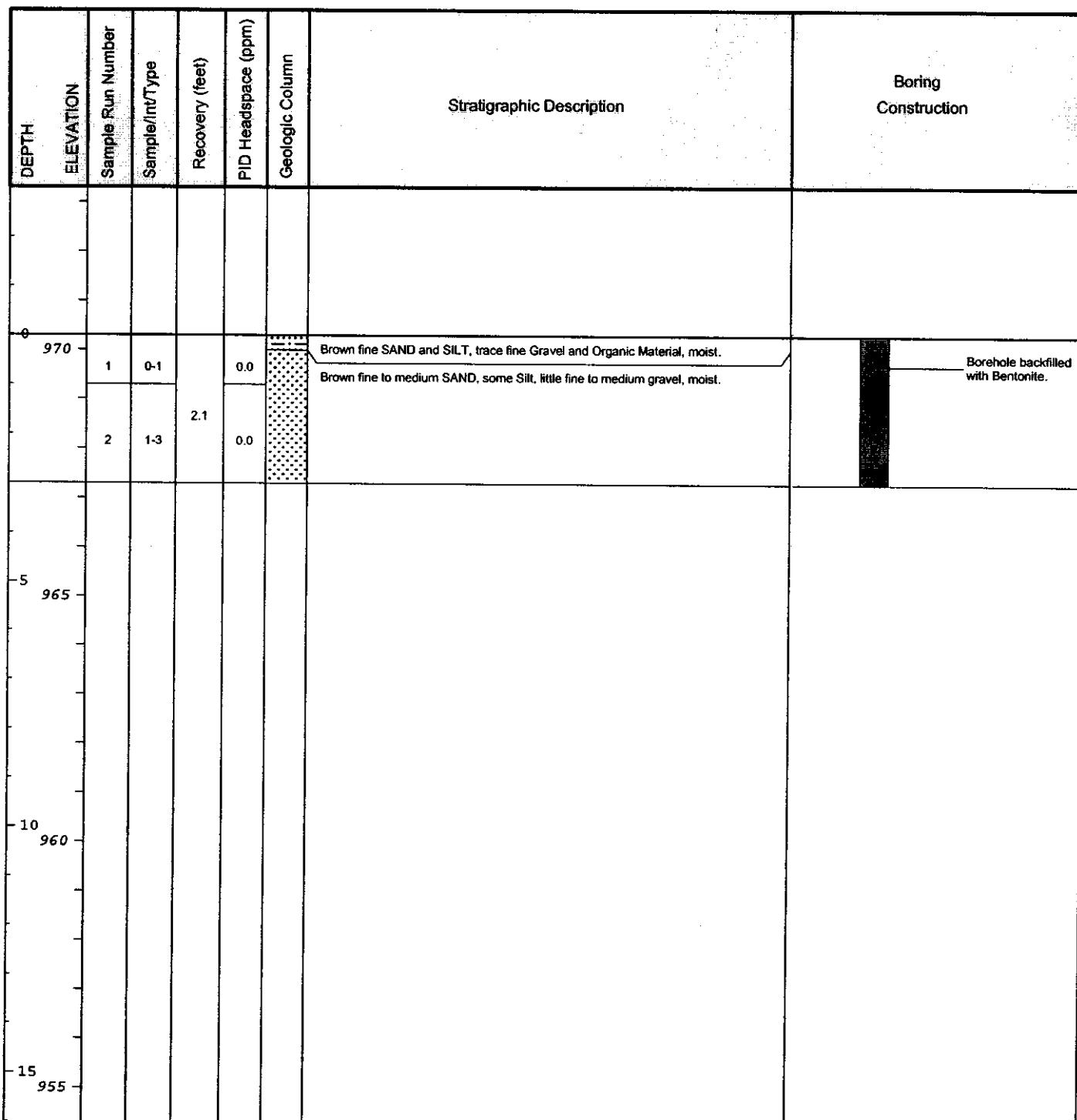
1-3': SVOCs, Inorganics, PCDD/PCDF.

The water table was not encountered during the boring installation.

Date Start/Finish: 12/01/04
Drilling Company: BBL
Driller's Name: JJB
Drilling Method: Direct Push
Auger Size: NA
Rig Type: Tractor-Mounted Power Probe
Sample Method: 4' Macrocore

Northing: 528746.5
Easting: 128142.5
Casing Elevation: NA
Borehole Depth: 3' Below Grade
Surface Elevation: 970.3
Descriptions By: DRR

Boring ID: 3D-A9-12
Client: General Electric Company
Location: Housatonic River 1 1/2 Mile
 Phase 3 Floodplain



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF;

1-3': SVOCs, Inorganics, PCDD/PCDF.

The water table was not encountered during the boring installation.

Date Start/Finish: 12/01/04	Nothing: 528791.8	Boring ID: 3D-A9-13
Drilling Company: BBL	Easting: 128146.5	Client: General Electric Company
Driller's Name: JJB, TOR	Casing Elevation: NA	
Drilling Method: Direct Push		
Auger Size: NA	Borehole Depth: 3' Below Grade	Location: Housatonic River 1 1/2 Mile
Rig Type: Hand Driven	Surface Elevation: 976.6	Phase 3 Floodplain
Sample Method: 2' Macrocore	Descriptions By: DRR	

DEPTH	ELEVATION	Stratigraphic Description					Boring Construction
		Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	
0							
975	970	1	0-1	1.0	0.0	Dark brown fine SAND and SILT, trace fine Gravel and Organic Material, moist.	Borehole backfilled with Bentonite.
970	965	2	1-3	1.4	0.0	Brown fine to medium SAND, some Silt, little fine to medium gravel, moist.	
965	960						
960	955						
955	950						
950	945						
945	940						
940	935						
935	930						
930	925						
925	920						
920	915						
915	910						
910	905						
905	900						
900	895						
895	890						
890	885						
885	880						
880	875						
875	870						
870	865						
865	860						
860	855						
855	850						
850	845						
845	840						
840	835						
835	830						
830	825						
825	820						
820	815						
815	810						
810	805						
805	800						
800	795						
795	790						
790	785						
785	780						
780	775						
775	770						
770	765						
765	760						
760	755						
755	750						
750	745						
745	740						
740	735						
735	730						
730	725						
725	720						
720	715						
715	710						
710	705						
705	700						
700	695						
695	690						
690	685						
685	680						
680	675						
675	670						
670	665						
665	660						
660	655						
655	650						
650	645						
645	640						
640	635						
635	630						
630	625						
625	620						
620	615						
615	610						
610	605						
605	600						
600	595						
595	590						
590	585						
585	580						
580	575						
575	570						
570	565						
565	560						
560	555						
555	550						
550	545						
545	540						
540	535						
535	530						
530	525						
525	520						
520	515						
515	510						
510	505						
505	500						
500	495						
495	490						
490	485						
485	480						
480	475						
475	470						
470	465						
465	460						
460	455						
455	450						
450	445						
445	440						
440	435						
435	430						
430	425						
425	420						
420	415						
415	410						
410	405						
405	400						
400	395						
395	390						
390	385						
385	380						
380	375						
375	370						
370	365						
365	360						
360	355						
355	350						
350	345						
345	340						
340	335						
335	330						
330	325						
325	320						
320	315						
315	310						
310	305						
305	300						
300	295						
295	290						
290	285						
285	280						
280	275						
275	270						
270	265						
265	260						
260	255						
255	250						
250	245						
245	240						
240	235						
235	230						
230	225						
225	220						
220	215						
215	210						
210	205						
205	200						
200	195						
195	190						
190	185						
185	180						
180	175						
175	170						
170	165						
165	160						
160	155						
155	150						
150	145						
145	140						
140	135						
135	130						
130	125						
125	120						
120	115						
115	110						
110	105						
105	100						
100	95						
95	90						
90	85						
85	80						
80	75						
75	70						
70	65						
65	60						
60	55						
55	50						
50	45						
45	40						
40	35						
35	30						
30	25						
25	20						
20	15						
15	10						
10	5						
5	0						



Remarks: bgs = below ground surface; NA = Not Applicable/Available

Analyses: 0-1: SVOCs; 1-3: SVOCs

The water table was not encountered during the boring installation.

Date Start/Finish: 12/01/04	Northing: 528851.3	Boring ID: 3D-A9-14
Drilling Company: BBL	Easting: 128110.7	Client: General Electric Company
Driller's Name: JJB, TOR	Casing Elevation: NA	
Drilling Method: Direct Push	Borehole Depth: 5' Below Grade	Location: Housatonic River 1 1/2 Mile
Auger Size: NA	Surface Elevation: 977.1	Phase 3 Floodplain
Rig Type: Jackhammer	Descriptions By: DRR	
Sample Method: 4' Macrocore		

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description		Boring Construction
980								
975	1	0-1		0.0		Dark brown fine SAND and SILT, trace fine Gravel and Organic Material, moist.		
	2	1-3	2.5	0.0		Brown-gray fine to medium SAND, little Silt and fine to medium Gravel, moist.		Borehole backfilled with Bentonite.
	3	3-4		0.0				
5	4	4-5	1.0	0.0	x x x x	Brown-gray fine to medium SAND, little Silt and fine to medium Gravel, trace coal ash, moist. [FILL]		
970								
10								
965								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF;

1-3': SVOCs, Inorganics, PCDD/PCDF;

3-5': SVOCs, Inorganics, PCDD/PCDF.

The water table was not encountered during the boring installation.

Date Start/Finish: 12/01/04	Northing: 528928.4	Boring ID: 3D-A9-15
Drilling Company: BBL	Easting: 128164.9	Client: General Electric Company
Driller's Name: JJB, TOR	Casing Elevation: NA	
Drilling Method: Direct Push	Borehole Depth: 3' Below Grade	
Auger Size: NA	Surface Elevation: 982.8	
Rig Type: Hand Driven	Descriptions By: DRR	
Sample Method: 2' Macrocore		

DEPTH	ELEVATION	Stratigraphic Description					Boring Construction
		Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	
985							
0							
0	1	0-1	1.0	0.0	x x x x x x	Dark brown SAND and SILT, little fine to medium Gravel, trace coal and ash, moist. [FILL]	
0					x x x x x x	COAL and ASH. [FILL]	
980	2	1-3	1.0	0.0	[dotted pattern]	Brown fine to medium SAND, little Silt and fine to medium Gravel, moist.	
-5							
975							
-10							
970							
-15							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': SVOCs, Inorganics, PCDD/PCDF;

1-3': SVOCs, Inorganics, PCDD/PCDF.

The water table was not encountered during the boring installation.

Date Start/Finish: 12/02/04	Northing: 528607.4	Boring ID: 3D-SB-26
Drilling Company: BBL	Easting: 128107.1	Client: General Electric Company
Driller's Name: JJB	Casing Elevation: NA	
Drilling Method: Direct Push	Borehole Depth: 8' Below Grade	
Auger Size: NA	Surface Elevation: 968.1	
Rig Type: Jackhammer		
Sample Method: 4' Macrocore	Descriptions By: DRR, TOR	

DEPTH ELEVATION	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column	Stratigraphic Description		Boring Construction
970								
8	1	0-1		0.0		Black SILT, trace Organic Material (Grass and Roots), moist.		
	2	1-2		0.0		Brown fine SAND, trace Silt, moist.		
965	3	2-4		2.2		Brown fine SAND, moist.		
5	4	4-6		0.0		Dark brown SILT, trace Clay and fine Sand, slight organic odor, moist.		
	5	6-8		2.2				
960								
10								
955								
15								



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 2-4': PCBs; 4-6': PCBs; 6-8': PCBs.

The water table was not encountered during the boring installation.

Date Start/Finish: 12/01/04	Northing: 528851.3	Boring ID: 3D-SS-23
Drilling Company: BBL	Easting: 128234.5	Client: General Electric Company
Driller's Name: JJB, TOR	Casing Elevation: NA	
Drilling Method: Direct Push	Borehole Depth: 1' Below Grade	Location: Housatonic River 1 1/2 Mile
Auger Size: NA	Surface Elevation: 984.8	Phase 3 Floodplain
Rig Type: Hand Driven		
Sample Method: 2' Macrocore	Descriptions By: DRR	

DEPTH ELEVATION	Stratigraphic Description						Boring Construction
	Sample Run Number	Sample/Int/Type	Recovery (feet)	PID Headspace (ppm)	Geologic Column		
985							
0	1	0-1	1.0	0.0	Dark brown fine SAND and SILT, trace fine Gravel and Organic Material, moist.		Borehole backfilled with Bentonite.
980							
975							
970							



Remarks: bgs = below ground surface; NA = Not Applicable/Available.

Analyses: 0-1': PCBs.

The water table was not encountered during the boring installation.

Appendix B

Data Validation Report



APPENDIX B
SOIL SAMPLING DATA VALIDATION REPORT
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT –
PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D

GENERAL ELECTRIC COMPANY
PITTSFIELD, MASSACHUSETTS

1.0 General

This appendix summarizes the Tier I and Tier II data reviews performed for soil samples collected during pre-design investigation activities conducted at the Phase 3 Group 3C and 3D floodplain properties located adjacent to the 1½ Mile Reach of the Housatonic River in Pittsfield, Massachusetts. The samples were analyzed for various constituents listed in Appendix IX of 40 CFR Part 264, plus three additional constituents (benzidine, 2-chloroethyl vinyl ether, and 1,2-diphenylhydrazine) (hereafter referred to as Appendix IX+3), by SGS Environmental Services, Inc. (formerly CT&E) of Charleston, West Virginia. Data validation was performed for 15 polychlorinated biphenyl (PCB) samples, 77 semi-volatile organic compound (SVOC) samples, 77 polychlorinated dibenzo-p-dioxin (PCDD)/polychlorinated dibenzofuran (PCDF) samples, 77 metals samples, and 77 cyanide/sulfide samples.

2.0 Data Evaluation Procedures

This appendix outlines the applicable quality control criteria utilized during the data review process and any deviations from those criteria. The data review was conducted in accordance with the following documents:

- *Field Sampling Plan/Quality Assurance Project Plan, General Electric Company, Pittsfield, Massachusetts*, (Blasland, Bouck & Lee, Inc. [BBL]; FSP/QAPP, approved May 25, 2004 and resubmitted June 15, 2004);
- *Region I Tiered Organic and Inorganic Data Validation Guidelines*, USEPA Region I (July 1, 1993);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Inorganics Analyses*, USEPA Region I (June 13, 1988) (Modified February 1989);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses*, USEPA Region I (February 1, 1988) (Modified November 1, 1988);
- *Region I Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses*, USEPA Region I (Draft, December 1996); and
- *National Functional Guidelines for Dioxin/Furan Data Validation*, USEPA (Draft, January 1996).

A tabulated summary of the Tier I and Tier II data evaluations is presented in Table B-1. Each sample subject to evaluation is listed in Table B-1 to document that data review was performed, as well as present the highest level of data validation (Tier I or Tier II) that was applied. Samples that required data qualification are listed separately for each parameter (compound or analyte) that required qualification.

The following data qualifiers were used in this data evaluation.

- J The compound was positively identified, but the associated numerical value is an estimated concentration. This qualifier is used when the data evaluation procedure identifies a deficiency in the data generation process. This qualifier is also used when a compound is detected at an estimated concentration less than the corresponding practical quantitation limit (PQL).
- U The compound was analyzed for, but was not detected. The sample quantitation limit is presented and adjusted for dilution and (for solid samples only) percent moisture. Non-detect sample results are presented as ND(PQL) within this report and in Table B-1 for consistency with documents previously prepared for investigations conducted at this site.
- UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is estimated and may or may not represent the actual level of quantitation. Non-detect sample results that required qualification are presented as ND(PQL) J within this report and in Table B-1 for consistency with documents previously prepared for investigations conducted at this site.
- R Indicates that the previously reported detection limit or sample result has been rejected due to a major deficiency in the data generation procedure. The data should not be used for any qualitative or quantitative purpose.

3.0 Data Validation Procedures

The FSP/QAPP provides (in Section 7.5) that all analytical data will be validated to a Tier I level following the procedures presented in the *Region I Tiered Organic and Inorganic Data Validation Guidelines* (USEPA guidelines). Accordingly, 100% of the analytical data for these investigations were subjected to Tier I review. The Tier I review consisted of a completeness evidence audit, as outlined in the *USEPA Region I CSF Completeness Evidence Audit Program* (USEPA Region I, 7/31/91), to ensure that all laboratory data and documentation were present. In the event that data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with the USEPA Region I Tier I data completeness requirements. A tabulated summary of the samples subjected to Tier I and Tier II data evaluation is presented in the following table.

Summary of Samples Subjected to Tier I and Tier II Data Validation

Parameter	Tier I Only			Tier I & Tier II			Total
	Samples	Duplicates	Blanks	Samples	Duplicates	Blanks	
PCBs	0	0	0	13	1	1	15
SVOCs	0	0	0	67	4	6	77
PCDDs/PCDFs	31	1	2	36	3	4	77
Metals	0	0	0	67	4	6	77
Cyanide/Sulfide	0	0	0	67	4	6	77
Total	31	1	2	250	16	23	323

In the event data packages were determined to be incomplete, the missing information was requested from the laboratory. Upon completion of the Tier I review, the data packages complied with USEPA Region I Tier I data completeness requirements.

As specified in the FSP/QAPP, approximately 25% of the laboratory sample delivery group packages were randomly chosen to be subjected to Tier II review. A Tier II review was also performed to resolve data usability limitations identified from laboratory qualification of the data during the Tier I data review. The Tier II data review consisted of a review of all data package summary forms for identification of quality assurance/quality control (QA/QC) deviations and qualification of the data according to the Region I Data Validation Functional Guidelines. Due to the variable sizes of the data packages and the number of data qualification issues identified during the Tier I review, approximately 89% of the data were subjected to a Tier II review. The Tier II review resulted in the qualification of data for several samples due to minor QA/QC deficiencies. Additionally, all field duplicates were examined for relative percent difference (RPD) compliance with the criteria specified in the FSP/QAPP.

When qualification of the sample data was required, the sample results associated with a QA/QC parameter deviation were qualified in accordance with the procedures outlined in USEPA Region I data validation guidance documents. When the data validation process identified several quality control deficiencies, the cumulative effect of the various deficiencies was employed in assigning the final data qualifier. A summary of the QA/QC parameter deviations that resulted in data qualification is presented below for each analytical method.

4.0 Data Review

The initial calibration criterion for organic analyses requires that the average relative response factor (RRF) has a value greater than 0.05. Sample results were qualified as estimated (J) when this criterion was not met. The compounds that did not meet the initial calibration criterion and the number of samples qualified are presented in the following table.

Compounds Qualified Due to Initial Calibration Deviations (RRF)

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	4,6-Dinitro-2-methylphenol	77	J
	Safrole	77	J

Continuing calibration criterion for SVOCs requires that the continuing calibration RRF have a value greater than 0.05. Sample data for detect and non-detect compounds with RRF values greater than 0.05 were qualified as estimated (J). The compounds that exceeded continuing calibration criterion and the number of samples qualified due to those exceedences are presented in the following table.

Compounds Qualified Due to Continuing Calibration Deviations (RRF)

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	2,4-Dinitrophenol	28	J
	4-Nitroquinoline-1-oxide	77	J
	Benzidine	7	J

Several of the organic compounds (including the compounds presented in the above tables detailing RRF deviations) exhibit instrument response factors (RFs) below the USEPA Region I minimum value of 0.05, but meet the analytical method criterion which does not specify minimum RFs for these compounds. These compounds were analyzed by the laboratory at a higher concentration than the compounds that normally exhibit RFs greater than the USEPA Region I minimum value of 0.05 in an effort to demonstrate acceptable response. USEPA Region I guidelines state that non-detect compound results associated with a RF less than the minimum value of 0.05 are to be rejected (R). However, in the case of these select organic compounds, the RF is an inherent problem with the current analytical methodology; therefore, the non-detect sample results were qualified as estimated (J).

The continuing calibration criterion requires that the percent difference (%D) between the initial calibration RRF and the continuing calibration RRF for SVOCs be less than 25%. Sample data for detect and non-detect compounds with %D values that exceeded the continuing calibration criteria were qualified as estimated (J). A summary of the compounds that exceeded the continuing calibration criterion and the number of samples qualified due to those deviations are presented in the following table.

Compounds Qualified Due to Continuing Calibration of %D Values

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	1,2-Diphenylhydrazine	7	J
	1,3,5-Trinitrobenzene	9	J
	1-Naphthylamine	2	J
	2,3,4,6-Tetrachlorophenol	2	J
	2,4,5-Trichlorophenol	49	J
	2,4-Dinitrophenol	11	J
	2-Picoline	5	J
	3-Methylcholanthrene	24	J
	3-Nitroaniline	20	J
	4,6-Dinitro-2-methylphenol	31	J
	4-Aminobiphenyl	2	J
	4-Nitroaniline	56	J
	4-Nitrophenol	4	J
	4-Nitroquinoline-1-oxide	45	J
	a,a'-Dimethylphenethylamine	57	J
	Acetophenone	2	J
	Anthracene	4	J
	Aramite	19	J
	Benzidine	18	J
	Benzyl Alcohol	72	J
	bis(2-Ethylhexyl)phthalate	15	J
	Butylbenzylphthalate	23	J
	Diallate	5	J
	Hexachlorocyclopentadiene	9	J
	Hexachloropropene	20	J
	Isodrin	15	J
	N-Nitroso-di-n-butylamine	11	J
	N-Nitrosodimethylamine	5	J
	N-Nitrosopyrrolidine	7	J
	Phenacetin	2	J
	Pronamide	21	J
	Pyrene	17	J
	Pyridine	10	J
Safrole	41	J	
Thionazin	21	J	

Contract required detection limit (CRDL) standards were analyzed to evaluate instrument performance at low-level concentrations that are near the analytical method CRDL. These standards are required to have recoveries between 80% and 120% to verify that the analytical instrumentation was properly calibrated. When CRDL standard recoveries exceeded the 80% to 120% control limits, the affected samples with

detected results at or near the CRDL concentration (less than three times the PQL) were qualified as estimated (J). The analytes that exceeded CRDL criteria and the number of samples qualified due to those deviations are presented in the following table.

Analytes Qualified Due to CRDL Standard Recovery Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Selenium	56	J
	Thallium	36	J

The analytical laboratory is required to analyze one sample per analytical batch using a five-fold dilution to evaluate matrix interferences. Analytes with results greater than 50 times the IDL in the undiluted sample are evaluated to determine if matrix interference exists. These analytes are required to have less than a 10% difference (%D) between sample results from the undiluted sample and results for the same sample analyzed with a five-fold dilution. Detected results that were greater than 50 times the IDL were qualified as estimated (J) for analytes with a %D greater than 10%. The inorganic analytes that did not meet ICP serial dilution requirements and the number of samples qualified due to those requirements are presented below.

Analytes Qualified Due to ICP Serial Dilution Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Barium	38	J
	Zinc	12	J

Surrogate compounds are analyzed with every organic sample to aid in evaluation of the sample extraction efficiency. As specified in the FSP/QAPP, two of the three SVOC surrogate compounds within each fraction must be within the laboratory-specified control limits and at least one of the PCBs surrogate compounds must be within the laboratory-specified control limits. Associated sample results were qualified as estimated (J) for all compounds when surrogate recovery criteria were less than control limits and were greater than 10%. Detect sample results were qualified as estimated (J) and non-detect sample results were qualified as rejected (R) when surrogate recovery criteria were less than 10%. A summary of the compounds affected by surrogate recovery exceedences and the number of samples qualified due to those deviations are presented in the following table.

Compounds Qualified Due to Surrogate Recovery Deviation

Analysis	Compound	Number of Affected Samples	Qualification
PCBs	Aroclor-1016	1	R
	Aroclor-1221	1	R
	Aroclor-1232	1	R
	Aroclor-1242	1	R
	Aroclor-1248	1	R
	Aroclor-1254	1	J
	Aroclor-1260	1	J
	Total PCBs	1	J
SVOCs	All acid compounds	1	J
	All base-neutral compounds	1	J

Matrix spike/matrix spike duplicate (MS/MSD) sample analysis recovery criteria for organics require that the MS/MSD recovery be within the laboratory-generated QC control limits specified on the MS reporting form and inorganics MS/MSD recoveries must be within 75% to 125%. Associated sample results with MS/MSD recoveries that were less than the laboratory-generated QC control limits and have recoveries greater than

10% were qualified as estimated (J). Associated inorganic sample results with MS recoveries less than the 75% to 125% control limits were qualified as estimated (J). The analytes/compounds that did not meet MS/MSD recovery criteria and the number of samples qualified due to those deviations are presented in the following table.

Analytes/Compounds Qualified Due to MS/MSD Recovery Deviations

Analysis	Analyte/Compound	Number of Affected Samples	Qualification
Inorganics	Antimony	17	J
	Selenium	10	J
	Tin	3	J
SVOCs	Pentachlorophenol	1	J
	1,2,4-Trichlorobenzene	2	J
	1,4-Dichlorobenzene	2	J
	Acenaphthene	2	J
	N-Nitroso-di-n-propylamine	2	J
	Pyrene	2	J

MS/MSD sample analysis recovery criteria for organics require that the RPD between the MS and MSD be less than the laboratory-generated QC acceptance limits specified on the MS/MSD reporting form. The compounds that exceeded RPD limits and the number of samples qualified due to deviations are presented in the following table.

Compounds Qualified Due to MS/MSD RPD Deviations

Analysis	Compound	Number of Affected Samples	Qualification
SVOCs	1,2,4-Trichlorobenzene	2	J
	1,4-Dichlorobenzene	1	J
	2,4-Dinitrotoluene	1	J
	2-Chlorophenol	1	J
	4-Chloro-3-Methylphenol	1	J
	Acenaphthene	2	J
	N-Nitroso-di-n-propylamine	1	J
	Phenol	1	J
	Pyrene	1	J
PCDDs/PCDFs	1,2,3,4,6,7,8-HxCDF	1	J
	1,2,3,4,7,8-HxCDD	1	J
	1,2,3,6,7,8-HxCDD	1	J
	1,2,3,6,7,8-HxCDF	1	J
	1,2,3,7,8,9-HxCDD	1	J
	1,2,3,7,8,9-HxCDF	1	J
	1,2,3,7,8-PeCDD	1	J
	1,2,3,7,8-PeCDF	1	J
	2,3,4,6,7,8-HxCDF	2	J
	2,3,4,7,8-PeCDF	1	J
	2,3,7,8-TCDD	1	J

Blank action levels for inorganic analytes detected in the blanks were calculated at five times the detected blank concentrations. Detect sample results that were below the blank action level and above the instrument detection limit (IDL) were qualified as non-detect "U." The analytes detected in method blanks which resulted in qualification of sample data, along with the number of affected samples, are presented in the following table.

Analytes Qualified Due to Blank Deviations

Analysis	Analyte	Number of Affected Samples	Qualification
Inorganics	Antimony	1	U
	Cadmium	3	U
	Silver	1	U
	Tin	70	U

Extraction holding timing criterion for organics require that soil extractions for SVOCs are extracted within 14 days. The compounds that exceeded extraction holding time and the number of samples qualified due to deviation are presented in the following table.

Compounds Qualified Due to Extraction Holding Time Deviations

Analysis	Compounds	Number of Affected Samples	Qualification
SVOCs	All acid compounds	2	J
	All base-neutral compounds	2	J

Field duplicate samples were analyzed to evaluate the overall precision of laboratory and field procedures. The RPD between field duplicate samples is required to be less than 50% for soil sample values greater than five times the PQL for organics and inorganics. Sample results that exceeded these limits were qualified as estimated (J). The analyte/compounds that did not meet field duplicate RPD requirements and the number of samples qualified due to those deviations are presented in the following table.

Analyte/Compounds Qualified Due to Field Duplicate Deviations

Analysis	Analyte/Compound	Number of Affected Samples	Qualification
Inorganics	Zinc	24	J
PCDDs/PCDFs	1,2,3,4,6,7,8-HpCDD	2	J
	1,2,3,4,6,7,8-HpCDF	2	J
	1,2,3,4,7,8,9-HpCDF	2	J
	1,2,3,4,7,8-HxCDD	2	J
	1,2,3,4,7,8-HxCDF	4	J
	1,2,3,6,7,8-HxCDD	2	J
	1,2,3,7,8,9-HxCDD	2	J
	1,2,3,7,8-PeCDD	2	J
	1,2,3,7,8-PeCDF	4	J
	2,3,4,6,7,8-HxCDF	2	J
	2,3,4,7,8-PeCDF	2	J
	2,3,7,8-TCDF	2	J
	HxCDDs (total)	2	J
	HxCDFs (total)	4	J
	HxCDDs (total)	2	J
	HxCDFs (total)	6	J

Analyte/Compounds Qualified Due to Field Duplicate Deviations

Analysis	Analyte/Compound	Number of Affected Samples	Qualification
PCDDs/PCDFs (continued)	OCDD	2	J
	OCDF	2	J
	PeCDDs (total)	2	J
	PeCDFs (total)	4	J
	TCDDs (total)	2	J
	TCDFs (total)	4	J

5.0 Overall Data Usability

This section summarizes the analytical data in terms of its completeness and usability for site characterization purposes. Data completeness is defined as the percentage of sample results that have been determined to be usable during the data validation process. The percent usability calculation included analyses evaluated under both the Tier I and Tier II data validation reviews. Data completeness with respect to usability was calculated separately for inorganic and each of the organic analysis. The percent usability calculation also includes quality control samples collected to aid in the evaluation of data usability. Therefore, field/equipment blank, trip blank, and field duplicate data determined to be unusable as a result of the validation process are represented in the percent usability value tabulated in the following table.

Data Usability

Parameter	Percent Usability	Rejected Data
Inorganics	100	None
Cyanide and Sulfide	100	None
SVOCs	100	None
PCBs	95.8	A total of five sample results were rejected due to surrogate recovery deviations within one sample.
PCDDs/PCDFs	100	None

The data package completeness, as determined from the Tier I data review, was used in combination with the data quality deviations identified during the Tier II data review to determine overall data quality. As specified in the FSP/QAPP, the overall precision, accuracy, representativeness, comparability, and completeness (PARCC) parameters determined from the Tier I and Tier II data reviews were used as indicators of overall data quality. These parameters were assessed through an evaluation of the results of the field and laboratory QA/QC sample analyses to provide a measure of compliance of the analytical data with the Data Quality Objectives (DQOs) specified in the FSP/QAPP. Therefore, the following sections present summaries of the PARCC parameters assessment with regard to the DQOs specified in the FSP/QAPP.

5.1 Precision

Precision measures the reproducibility of measurements under a given set of conditions. Specifically, it is a quantitative measure of the variability of a group of measurements compared to their average value. For this investigation, precision was defined as the RPD between duplicate sample results. The duplicate samples used to evaluate precision included laboratory duplicates, field duplicates, MS/MSD samples, and ICP serial dilution samples. For this analytical program, 0.66% of the data required qualification due to field duplicate RPD deviations, 0.19% of the data required qualification due to MS/MSD RPD deviations, and 0.40% of the data required qualification due to ICP serial dilution deviations. None of the data required qualification due to laboratory duplicate RPD deviations.

5.2 Accuracy

Accuracy measures the bias in an analytical system or the degree of agreement of a measurement with a known reference value. For this investigation, accuracy was defined as the percent recovery of QA/QC samples that were spiked with a known concentration of an analyte or compound of interest. The QA/QC samples used to evaluate analytical accuracy included instrument calibration, internal standards, Laboratory Control Standards (LCSs), MS/MSD samples, CRDL samples, and surrogate compound recoveries. For this analytical program, 7.5% of the data required qualification due to instrument calibration deviations, 0.33% of the data required qualification due to MS/MSD recovery deviations, 0.99% of the data required qualification due to surrogate recovery deviations, and 0.74% of the data required qualification due to CRDL deviations. None of the data required qualification due to internal standards deviations or LCS deviations.

5.3 Representativeness

Representativeness expresses the degree to which sample data accurately and precisely represents a characteristic of a population, parameter variations at a sampling point, or an environmental condition. Representativeness is a qualitative parameter, which is most concerned with the proper design of the sampling program. The representativeness criterion is best satisfied by making certain that sampling locations are selected properly and a sufficient number of samples are collected. This parameter has been addressed by collecting samples at locations specified in MDEP-approved work plans, and by following the procedures for sample collection/analyses that were described in the FSP/QAPP. Additionally, the analytical program used procedures consistent with USEPA-approved analytical methodology. A QA/QC parameter that is an indicator of the representativeness of a sample is holding time. Holding time criteria are established to maintain the samples in a state that is representative of the in-situ field conditions before analysis. For this analytical program, 1.9% of the data required qualification due to extraction holding time deviations.

5.4 Comparability

Comparability is a qualitative parameter expressing the confidence with which one data set can be compared with another. This goal was achieved through the use of the standardized techniques for sample collection and analysis presented in the FSP/QAPP. The USEPA SW-846¹ analytical methods presented in the FSP/QAPP are updated on occasion by the USEPA to benefit from recent technological advancements in analytical chemistry and instrumentation. In most cases, the method upgrades include the incorporation of new technology that improves the sensitivity and stability of the instrumentation or allows the laboratory to increase throughput without hindering accuracy and precision. Overall, the analytical methods for this investigation have remained consistent in their general approach through continued use of the basic analytical techniques (e.g., sample extraction/preparation, instrument calibration, QA/QC procedures). Through this use of consistent base analytical procedures and by requiring that updated procedures meet the QA/QC criteria specified in the FSP/QAPP, the analytical data from past, present, and future sampling events will be comparable to allow for qualitative and quantitative assessment of site conditions.

¹ Test Methods for evaluating Solid Waste, SW-846, USEPA, Final Update III, December 1996.

5.5 Completeness

Completeness is defined as the percentage of measurements that are judged to be valid or usable to meet the prescribed DQOs. The completeness criterion is essentially the same for all data uses -- the generation of a sufficient amount of valid data. The actual completeness of this analytical data set ranged from 95.8 to 100% for individual analytical parameters and had an overall usability of 99.2 %, which is greater than the minimum required usability of 90% as specified in the FSP/QAPP.

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCBs											
4L0P013	3C-DUP-16 (2 - 4)	11/30/2004	Soil	Tier II	No						3C-SB-32
4L0P013	3C-SB-32 (0 - 1)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-SB-32 (1 - 2)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-SB-32 (2 - 4)	11/30/2004	Soil	Tier II	No						
4L0P013	RB-113004-1	11/30/2004	Water	Tier II	No						
4L0P045	3D-SS-23 (0 - 1)	12/1/2004	Soil	Tier II	No						
4L0P116	3C-SB-27 (4 - 6)	12/2/2004	Soil	Tier II	No						
4L0P116	3C-SB-28 (4 - 6)	12/2/2004	Soil	Tier II	No						
4L0P116	3C-SB-30 (2 - 4)	12/2/2004	Soil	Tier II	No						
4L0P116	3C-SB-31 (2 - 4)	12/2/2004	Soil	Tier II	No						
4L0P116	3C-SB-33 (2 - 4)	12/2/2004	Soil	Tier II	No						
4L0P116	3C-SB-33 (4 - 6)	12/2/2004	Soil	Tier II	Yes	Aroclor-1016	Surrogate Recovery	4.7%	27% to 132%	R	
						Aroclor-1221	Surrogate Recovery	4.7%	27% to 132%	R	
						Aroclor-1232	Surrogate Recovery	4.7%	27% to 132%	R	
						Aroclor-1242	Surrogate Recovery	4.7%	27% to 132%	R	
						Aroclor-1248	Surrogate Recovery	4.7%	27% to 132%	R	
						Aroclor-1254	Surrogate Recovery	4.7%	27% to 132%	0.015 J	
						Aroclor-1260	Surrogate Recovery	4.7%	27% to 132%	0.036 J	
						Total PCBs	Surrogate Recovery	4.7%	27% to 132%	0.051 J	
4L0P116	3D-SB-26 (2 - 4)	12/2/2004	Soil	Tier II	No						
4L0P116	3D-SB-26 (4 - 6)	12/2/2004	Soil	Tier II	No						
4L0P116	3D-SB-26 (6 - 8)	12/2/2004	Soil	Tier II	No						
Metals											
4L0P013	3C-A9-13 (0 - 1)	11/30/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	73.5%	80% to 120%	0.950 J	
						Thallium	CRDL Standard %R	73.3%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Serial Dilution	79.8%	<10%	74.0 J	
4L0P013	3C-A9-13 (1 - 3)	11/30/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	73.5%	80% to 120%	0.730 J	
						Thallium	CRDL Standard %R	73.3%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Serial Dilution	79.8%	<10%	35.0 J	
4L0P013	3C-A9-13 (3 - 5)	11/30/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	73.5%	80% to 120%	0.770 J	
						Thallium	CRDL Standard %R	73.3%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Serial Dilution	79.8%	<10%	36.0 J	
4L0P013	3C-A9-14 (0 - 1)	11/30/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	73.5%	80% to 120%	1.150 J	
						Thallium	CRDL Standard %R	73.3%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(11.0)	
						Zinc	Serial Dilution	79.8%	<10%	67.0 J	
4L0P013	3C-A9-14 (1 - 3)	11/30/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	73.5%	80% to 120%	0.970 J	
						Thallium	CRDL Standard %R	73.3%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Serial Dilution	79.8%	<10%	29.0 J	
4L0P013	3C-A9-14 (3 - 5)	11/30/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	73.5%	80% to 120%	1.110 J	
						Thallium	CRDL Standard %R	73.3%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Serial Dilution	79.8%	<10%	40.0 J	
4L0P013	3C-A9-15 (0 - 1)	11/30/2004	Soil	Tier II	Yes	Cadmium	Method Blank	-	-	ND(0.50)	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Serial Dilution	79.8%	<10%	58.0 J	
4L0P013	3C-A9-15 (1 - 3)	11/30/2004	Soil	Tier II	Yes	Cadmium	Method Blank	-	-	ND(0.50)	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Serial Dilution	79.8%	<10%	48.0 J	
4L0P013	3C-A9-16 (0 - 1)	11/30/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	73.5%	80% to 120%	1.190 J	
						Thallium	CRDL Standard %R	73.3%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Serial Dilution	79.8%	<10%	86.0 J	
4L0P013	3C-A9-16 (1 - 3)	11/30/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	73.5%	80% to 120%	0.970 J	
						Thallium	CRDL Standard %R	73.3%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(14.0)	
						Zinc	Serial Dilution	79.8%	<10%	110 J	
4L0P013	3C-A9-16 (5 - 7)	11/30/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	73.5%	80% to 120%	0.710 J	
						Thallium	CRDL Standard %R	73.3%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
4L0P013	3C-A9-16 (5 - 7)	11/30/2004	Soil	Tier II	Yes	Zinc	Serial Dilution	79.8%	<10%	28.0 J	
4L0P013	3C-DUP-15 (1 - 3)	11/30/2004	Soil	Tier II	Yes	Cadmium	Method Blank	-	-	ND(0.50)	3C-A9-14
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Serial Dilution	79.8%	<10%	31.0 J	
4L0P013	RB-113004-1	11/30/2004	Water	Tier II	Yes	Selenium	CRDL Standard %R	147.7%	80% to 120%	ND(0.00500) J	
						Thallium	CRDL Standard %R	139.5%	80% to 120%	ND(0.0100) J	
4L0P013	RB-113004-2	11/30/2004	Water	Tier II	Yes	Selenium	CRDL Standard %R	147.7%	80% to 120%	ND(0.00500) J	
						Thallium	CRDL Standard %R	139.5%	80% to 120%	ND(0.0100) J	
4L0P043	3D-A9-1 (0 - 1)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.8%	<10%	26.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	2.30 J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	52.0 J	
4L0P043	3D-A9-1 (1 - 3)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.8%	<10%	22.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	2.20 J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	27.0 J	
4L0P043	3D-A9-10 (0 - 1)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.8%	<10%	19.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	1.90 J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	35.0 J	
4L0P043	3D-A9-10 (1 - 3)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.8%	<10%	15.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	1.70 J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	31.0 J	
4L0P043	3D-A9-10 (3 - 5)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.8%	<10%	38.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	2.80 J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	64.0 J	
4L0P043	3D-A9-11 (0 - 1)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.8%	<10%	44.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	1.60 J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	160 J	
4L0P043	3D-A9-11 (1 - 3)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.8%	<10%	55.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	1.90 J	
						Thallium	CRDL Standard %R	67.2%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	49.0 J	
4L0P043	3D-A9-12 (0 - 1)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.8%	<10%	25.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	1.80 J	
						Thallium	CRDL Standard %R	67.2%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	44.0 J	
4L0P043	3D-A9-12 (1 - 3)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.8%	<10%	29.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	1.90 J	
						Thallium	CRDL Standard %R	67.2%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	48.0 J	
4L0P043	3D-A9-12 (0 - 1)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.8%	<10%	37.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	2.40 J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	63.0 J	
4L0P043	3D-A9-3 (1 - 3)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.8%	<10%	21.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	2.00 J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	42.0 J	
4L0P043	3D-A9-4 (0 - 1)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.8%	<10%	40.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	2.10 J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	77.0 J	
4L0P043	3D-A9-4 (1 - 3)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.8%	<10%	18.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	2.40 J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	40.0 J	
4L0P043	3D-A9-5 (0 - 1)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.9%	<10%	33.0 J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
4L0P043	3D-A9-5 (0 - 1)	12/1/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	139.2%	80% to 120%	2.40 J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	62.0 J	
4L0P043	3D-A9-5 (1 - 3)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.9%	<10%	24.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	2.10 J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	53.0 J	
4L0P043	3D-A9-5 (3 - 5)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.9%	<10%	52.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	2.30 J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	57.0 J	
4L0P043	3D-A9-7 (0 - 1)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.9%	<10%	43.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	1.70 J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	81.0 J	
4L0P043	3D-A9-7 (1 - 3)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.9%	<10%	18.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	1.20 J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	30.0 J	
4L0P043	3D-A9-7 (3 - 5)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.9%	<10%	58.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	2.80 J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	85.0 J	
4L0P043	3D-A9-8 (0 - 1)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.9%	<10%	35.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	1.80 J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	62.0 J	
4L0P043	3D-A9-8 (1 - 3)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.9%	<10%	38.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	1.40 J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	44.0 J	
4L0P043	3D-A9-9 (0 - 1)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.9%	<10%	35.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	2.50 J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	79.0 J	
4L0P043	3D-A9-9 (1 - 3)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.9%	<10%	29.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	2.20 J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	44.0 J	
4L0P043	3D-DUP-18 (3 - 5)	12/1/2004	Soil	Tier II	Yes	Barium	Serial Dilution	79.9%	<10%	35.0 J	3D-A9-10
						Selenium	CRDL Standard %R	139.2%	80% to 120%	1.50 J	
						Tin	Method Blank	-	-	ND(10.0)	
						Zinc	Field Duplicate RPD (Soil)	63.9%	<50%	33.0 J	
4L0P043	RB-120104-1	12/1/2004	Water	Tier II	Yes	Selenium	CRDL Standard %R	77.4%	80% to 120%	ND(0.00500) J	
4L0P043	RB-120104-2	12/1/2004	Water	Tier II	Yes	Selenium	CRDL Standard %R	77.4%	80% to 120%	ND(0.00500) J	
4L0P044	3C-A9-11 (0 - 1)	11/30/2004	Soil	Tier II	Yes	Antimony	MS %R	73.3%	75% to 125%	ND(6.00) J	
						Barium	Serial Dilution	81.4%	<10%	37.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	2.20 J	
						Thallium	CRDL Standard %R	67.2%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P044	3C-A9-2 (0 - 1)	11/30/2004	Soil	Tier II	Yes	Antimony	MS %R	73.3%	75% to 125%	ND(6.00) J	
						Barium	Serial Dilution	81.4%	<10%	60.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	ND(1.20) J	
						Thallium	CRDL Standard %R	67.2%	80% to 120%	ND(10.0)	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P044	3C-A9-2 (1 - 3)	11/30/2004	Soil	Tier II	Yes	Antimony	MS %R	73.3%	75% to 125%	ND(6.00) J	
						Barium	Serial Dilution	81.4%	<10%	17.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	0.990 J	
						Thallium	CRDL Standard %R	67.2%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P044	3C-A9-3 (0 - 1)	11/30/2004	Soil	Tier II	Yes	Antimony	MS %R	73.3%	75% to 125%	ND(6.00) J	
						Barium	Serial Dilution	81.4%	<10%	21.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	1.80 J	
						Thallium	CRDL Standard %R	67.2%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
4L0P044	3C-A9-3 (1 - 3)	11/30/2004	Soil	Tier II	Yes	Antimony	MS %R	73.3%	75% to 125%	ND(6.00) J	
						Barium	Serial Dilution	81.4%	<10%	22.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	1.40 J	
						Thallium	CRDL Standard %R	67.2%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P044	3C-A9-4 (0 - 1)	11/30/2004	Soil	Tier II	Yes	Antimony	MS %R	73.3%	75% to 125%	ND(6.00) J	
						Barium	Serial Dilution	81.4%	<10%	24.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	1.90 J	
						Thallium	CRDL Standard %R	67.2%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P044	3C-A9-4 (1 - 2)	11/30/2004	Soil	Tier II	Yes	Antimony	MS %R	73.3%	75% to 125%	ND(6.00) J	
						Barium	Serial Dilution	81.4%	<10%	27.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	2.20 J	
						Thallium	CRDL Standard %R	67.2%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P044	3C-A9-5 (0 - 1)	11/30/2004	Soil	Tier II	Yes	Antimony	MS %R	73.3%	75% to 125%	ND(6.00) J	
						Barium	Serial Dilution	81.4%	<10%	23.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	1.10 J	
						Thallium	CRDL Standard %R	67.2%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P044	3C-A9-7 (0 - 1)	11/30/2004	Soil	Tier II	Yes	Antimony	MS %R	73.3%	75% to 125%	ND(6.00) J	
						Barium	Serial Dilution	81.4%	<10%	36.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	2.00 J	
						Thallium	CRDL Standard %R	67.2%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P044	3C-A9-7 (1 - 3)	11/30/2004	Soil	Tier II	Yes	Antimony	MS %R	73.3%	75% to 125%	ND(6.00) J	
						Barium	Serial Dilution	81.4%	<10%	15.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	1.20 J	
						Thallium	CRDL Standard %R	67.2%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P044	3C-A9-8 (0 - 1)	11/30/2004	Soil	Tier II	Yes	Antimony	MS %R	73.3%	75% to 125%	ND(6.00) J	
						Barium	Serial Dilution	81.4%	<10%	26.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	1.70 J	
						Thallium	CRDL Standard %R	67.2%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P044	3C-A9-9 (0 - 1)	11/30/2004	Soil	Tier II	Yes	Antimony	MS %R	73.3%	75% to 125%	ND(6.00) J	
						Barium	Serial Dilution	81.4%	<10%	48.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	1.50 J	
						Silver	Method Blank	-	-	ND(1.0)	
						Thallium	CRDL Standard %R	67.2%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P044	3C-A9-9 (1 - 3)	11/30/2004	Soil	Tier II	Yes	Antimony	MS %R	73.3%	75% to 125%	ND(6.00) J	
						Barium	Serial Dilution	81.4%	<10%	38.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	1.80 J	
						Thallium	CRDL Standard %R	67.2%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P044	3C-DUP-17 (0 - 1)	11/30/2004	Soil	Tier II	Yes	Antimony	MS %R	73.3%	75% to 125%	ND(6.00) J	3C-A9-7
						Barium	Serial Dilution	81.4%	<10%	28.0 J	
						Selenium	CRDL Standard %R	139.2%	80% to 120%	1.60 J	
						Thallium	CRDL Standard %R	67.2%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P045	3D-A9-13 (0 - 1)	12/1/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	147.7%	80% to 120%	2.40 J	
						Thallium	CRDL Standard %R	66.4%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P045	3D-A9-13 (1 - 3)	12/1/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	147.7%	80% to 120%	2.80 J	
						Thallium	CRDL Standard %R	66.4%	80% to 120%	ND(1.20) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P045	3D-A9-14 (0 - 1)	12/1/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	147.7%	80% to 120%	2.30 J	
						Thallium	CRDL Standard %R	66.4%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P045	3D-A9-14 (1 - 3)	12/1/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	147.7%	80% to 120%	2.70 J	
						Thallium	CRDL Standard %R	66.4%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P045	3D-A9-14 (3 - 5)	12/1/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	147.7%	80% to 120%	2.60 J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Metals (continued)											
4L0P045	3D-A9-14 (3 - 5)	12/1/2004	Soil	Tier II	Yes	Thallium	CRDL Standard %R	66.4%	80% to 120%	ND(1.10) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P045	3D-A9-15 (0 - 1)	12/1/2004	Soil	Tier II	Yes	Thallium	CRDL Standard %R	66.4%	80% to 120%	ND(1.30) J	
4L0P045	3D-A9-15 (1 - 3)	12/1/2004	Soil	Tier II	Yes	Selenium	CRDL Standard %R	147.7%	80% to 120%	1.80 J	
						Thallium	CRDL Standard %R	66.4%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P045	3D-A9-6 (0 - 1)	12/1/2004	Soil	Tier II	Yes	Antimony	Method Blank	-	-	ND(6.0)	
						Thallium	CRDL Standard %R	66.4%	80% to 120%	ND(1.30) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P069	3C-A9-1 (0 - 1)	12/2/2004	Soil	Tier II	Yes	Selenium	MS %R	73.7%	75% to 125%	7.40 J	
						Tin	Method Blank	-	-	ND(16.0)	
4L0P069	3C-A9-1 (1 - 3)	12/2/2004	Soil	Tier II	Yes	Selenium	MS %R	73.7%	75% to 125%	0.640 J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P069	3C-A9-1 (3 - 5)	12/2/2004	Soil	Tier II	Yes	Selenium	MS %R	73.7%	75% to 125%	1.70 J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P069	3C-A9-10 (0 - 1)	12/2/2004	Soil	Tier II	Yes	Selenium	MS %R	73.7%	75% to 125%	1.80 J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P069	3C-A9-10 (1 - 2)	12/2/2004	Soil	Tier II	Yes	Selenium	MS %R	73.7%	75% to 125%	1.50 J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P069	3C-A9-12 (0 - 1)	12/2/2004	Soil	Tier II	Yes	Selenium	MS %R	73.7%	75% to 125%	1.40 J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P069	3C-A9-12 (1 - 2)	12/2/2004	Soil	Tier II	Yes	Selenium	MS %R	73.7%	75% to 125%	1.40 J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P069	3C-A9-6 (0 - 1)	12/2/2004	Soil	Tier II	Yes	Selenium	MS %R	73.7%	75% to 125%	1.10 J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P069	3C-A9-6 (1 - 2)	12/2/2004	Soil	Tier II	Yes	Selenium	MS %R	73.7%	75% to 125%	1.20 J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P069	3C-DUP-19 (1 - 2)	12/2/2004	Soil	Tier II	Yes	Selenium	MS %R	73.7%	75% to 125%	2.80 J	3C-A9-10
						Tin	Method Blank	-	-	ND(10.0)	
4L0P116	3D-A9-2 (0 - 1)	12/2/2004	Soil	Tier II	Yes	Antimony	MS %R	70.5%	75% to 125%	ND(6.00) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P116	3D-A9-2 (1 - 3)	12/2/2004	Soil	Tier II	Yes	Antimony	MS %R	70.5%	75% to 125%	ND(6.00) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P116	3D-A9-2 (3 - 5)	12/2/2004	Soil	Tier II	Yes	Antimony	MS %R	70.5%	75% to 125%	ND(6.00) J	
						Tin	Method Blank	-	-	ND(10.0)	
4L0P116	RB-120404-1	12/2/2004	Water	Tier II	No						
4L0P116	RB-120404-2	12/2/2004	Water	Tier II	No						
SVOCs											
4L0P013	3C-A9-13 (0 - 1)	11/30/2004	Soil	Tier II	Yes	4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.42) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	31.3%	<25%	ND(0.42) J	
						4-Nitroquinoline-1-oxide	CCAL %D	28.8%	<25%	ND(0.84) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.012	>0.05	ND(0.84) J	
						a,a'-Dimethylphenethylamine	CCAL %D	33.8%	<25%	ND(0.84) J	
						Aramite	CCAL %D	58.1%	<25%	ND(0.84) J	
						Benzyl Alcohol	CCAL %D	72.4%	<25%	ND(0.84) J	
						Butylbenzylphthalate	CCAL %D	31.3%	<25%	ND(0.42) J	
						N-Nitrosopyrrolidine	CCAL %D	37.5%	<25%	ND(0.84) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.42) J	
						Thionazin	CCAL %D	28.1%	<25%	ND(0.38) J	
4L0P013	3C-A9-13 (1 - 3)	11/30/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	25.4%	<25%	ND(0.38) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.38) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	34.4%	<25%	ND(0.38) J	
						4-Nitroquinoline-1-oxide	CCAL %D	26.9%	<25%	ND(0.77) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.012	>0.05	ND(0.77) J	
						a,a'-Dimethylphenethylamine	CCAL %D	26.0%	<25%	ND(0.77) J	
						Benzyl Alcohol	CCAL %D	58.3%	<25%	ND(0.77) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.38) J	
						Thionazin	CCAL %D	28.1%	<25%	ND(0.38) J	
4L0P013	3C-A9-13 (3 - 5)	11/30/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	25.4%	<25%	ND(0.43) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.43) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	34.4%	<25%	ND(0.43) J	
						4-Nitroquinoline-1-oxide	CCAL %D	26.9%	<25%	ND(0.86) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.012	>0.05	ND(0.86) J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4L0P013	3C-A9-13 (3 - 5)	11/30/2004	Soil	Tier II	Yes	a,a'-Dimethylphenethylamine	CCAL %D	26.0%	<25%	ND(0.86) J	
						Benzyl Alcohol	CCAL %D	58.3%	<25%	ND(0.86) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.43) J	
						Thionazin	CCAL %D	28.1%	<25%	ND(0.43) J	
4L0P013	3C-A9-14 (0 - 1)	11/30/2004	Soil	Tier II	Yes	4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.38) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	31.3%	<25%	ND(0.38) J	
						4-Nitroquinoline-1-oxide	CCAL %D	28.8%	<25%	ND(0.76) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.012	>0.05	ND(0.76) J	
						a,a'-Dimethylphenethylamine	CCAL %D	33.8%	<25%	ND(0.76) J	
						Aramite	CCAL %D	58.1%	<25%	ND(0.76) J	
						Benzyl Alcohol	CCAL %D	72.4%	<25%	ND(0.76) J	
						Butylbenzylphthalate	CCAL %D	31.3%	<25%	ND(0.38) J	
						N-Nitrosopyrrolidine	CCAL %D	37.5%	<25%	ND(0.76) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.38) J	
4L0P013	3C-A9-14 (1 - 3)	11/30/2004	Soil	Tier II	Yes	4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.36) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	31.3%	<25%	ND(0.36) J	
						4-Nitroquinoline-1-oxide	CCAL %D	28.8%	<25%	ND(0.73) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.012	>0.05	ND(0.73) J	
						a,a'-Dimethylphenethylamine	CCAL %D	33.8%	<25%	ND(0.73) J	
						Aramite	CCAL %D	58.1%	<25%	ND(0.73) J	
						Benzyl Alcohol	CCAL %D	72.4%	<25%	ND(0.73) J	
						Butylbenzylphthalate	CCAL %D	31.3%	<25%	ND(0.36) J	
						N-Nitrosopyrrolidine	CCAL %D	37.5%	<25%	ND(0.73) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.36) J	
4L0P013	3C-A9-14 (3 - 5)	11/30/2004	Soil	Tier II	Yes	4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.38) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	31.3%	<25%	ND(0.38) J	
						4-Nitroquinoline-1-oxide	CCAL %D	28.8%	<25%	ND(0.77) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.012	>0.05	ND(0.77) J	
						a,a'-Dimethylphenethylamine	CCAL %D	33.8%	<25%	ND(0.77) J	
						Aramite	CCAL %D	58.1%	<25%	ND(0.77) J	
						Benzyl Alcohol	CCAL %D	72.4%	<25%	ND(0.77) J	
						Butylbenzylphthalate	CCAL %D	31.3%	<25%	ND(0.38) J	
						N-Nitrosopyrrolidine	CCAL %D	37.5%	<25%	ND(0.77) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.38) J	
4L0P013	3C-A9-15 (0 - 1)	11/30/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	25.4%	<25%	ND(0.42) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.42) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	34.4%	<25%	ND(0.42) J	
						4-Nitroquinoline-1-oxide	CCAL %D	26.9%	<25%	ND(0.86) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.012	>0.05	ND(0.86) J	
						a,a'-Dimethylphenethylamine	CCAL %D	26.0%	<25%	ND(0.86) J	
						Benzyl Alcohol	CCAL %D	58.3%	<25%	ND(0.86) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.42) J	
						Thionazin	CCAL %D	28.1%	<25%	ND(0.42) J	
4L0P013	3C-A9-15 (1 - 3)	11/30/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	25.4%	<25%	ND(0.38) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.38) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	34.4%	<25%	ND(0.38) J	
						4-Nitroquinoline-1-oxide	CCAL %D	26.9%	<25%	ND(0.76) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.012	>0.05	ND(0.76) J	
						a,a'-Dimethylphenethylamine	CCAL %D	26.0%	<25%	ND(0.76) J	
						Benzyl Alcohol	CCAL %D	58.3%	<25%	ND(0.76) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.38) J	
						Thionazin	CCAL %D	28.1%	<25%	ND(0.38) J	
4L0P013	3C-A9-16 (0 - 1)	11/30/2004	Soil	Tier II	Yes	4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.38) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	31.3%	<25%	ND(0.38) J	
						4-Nitroquinoline-1-oxide	CCAL %D	28.8%	<25%	ND(0.77) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.012	>0.05	ND(0.77) J	
						a,a'-Dimethylphenethylamine	CCAL %D	33.8%	<25%	ND(0.77) J	
						Aramite	CCAL %D	58.1%	<25%	ND(0.77) J	
						Benzyl Alcohol	CCAL %D	72.4%	<25%	ND(0.77) J	
						Butylbenzylphthalate	CCAL %D	31.3%	<25%	ND(0.38) J	
						N-Nitrosopyrrolidine	CCAL %D	37.5%	<25%	ND(0.77) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.38) J	
4L0P013	3C-A9-16 (1 - 3)	11/30/2004	Soil	Tier II	Yes	4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.40) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	31.3%	<25%	ND(0.40) J	
						4-Nitroquinoline-1-oxide	CCAL %D	28.8%	<25%	ND(0.81) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.012	>0.05	ND(0.81) J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4L0P013	3C-A9-16 (1 - 3)	11/30/2004	Soil	Tier II	Yes	a,a'-Dimethylphenethylamine	CCAL %D	33.8%	<25%	ND(0.81) J	
						Aramite	CCAL %D	58.1%	<25%	ND(0.81) J	
						Benzyl Alcohol	CCAL %D	72.4%	<25%	ND(0.81) J	
						Butylbenzylphthalate	CCAL %D	31.3%	<25%	ND(0.40) J	
						N-Nitrosopyrrolidine	CCAL %D	37.5%	<25%	ND(0.81) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.40) J	
4L0P013	3C-A9-16 (5 - 7)	11/30/2004	Soil	Tier II	Yes	4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.38) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	31.3%	<25%	ND(0.38) J	
						4-Nitroquinoline-1-oxide	CCAL %D	28.8%	<25%	ND(0.77) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.012	>0.05	ND(0.77) J	
						a,a'-Dimethylphenethylamine	CCAL %D	33.8%	<25%	ND(0.77) J	
						Aramite	CCAL %D	58.1%	<25%	ND(0.77) J	
						Benzyl Alcohol	CCAL %D	72.4%	<25%	ND(0.77) J	
						Butylbenzylphthalate	CCAL %D	31.3%	<25%	ND(0.38) J	
						N-Nitrosopyrrolidine	CCAL %D	37.5%	<25%	ND(0.77) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.38) J	
4L0P013	3C-DUP-15 (1 - 3)	11/30/2004	Soil	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	25.4%	<25%	ND(0.37) J	3C-A9-14
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.37) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	34.4%	<25%	ND(0.37) J	
						4-Nitroquinoline-1-oxide	CCAL %D	26.9%	<25%	ND(0.74) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.012	>0.05	ND(0.74) J	
						a,a'-Dimethylphenethylamine	CCAL %D	26.0%	<25%	ND(0.74) J	
						Benzyl Alcohol	CCAL %D	58.3%	<25%	ND(0.74) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.37) J	
						Thionazin	CCAL %D	28.1%	<25%	ND(0.37) J	
4L0P013	RB-113004-1	11/30/2004	Water	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	25.4%	<25%	ND(0.010) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.050) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	34.4%	<25%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL %D	26.8%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.012	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	26.0%	<25%	ND(0.010) J	
						Benzyl Alcohol	CCAL %D	58.3%	<25%	ND(0.020) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.010) J	
						Thionazin	CCAL %D	28.1%	<25%	ND(0.010) J	
4L0P013	RB-113004-2	11/30/2004	Water	Tier II	Yes	1,2-Diphenylhydrazine	CCAL %D	25.4%	<25%	ND(0.010) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.050) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	34.4%	<25%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL %D	26.9%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.012	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	26.0%	<25%	ND(0.010) J	
						Benzyl Alcohol	CCAL %D	58.3%	<25%	ND(0.020) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.010) J	
						Thionazin	CCAL %D	28.1%	<25%	ND(0.010) J	
4L0P043	3D-A9-1 (0 - 1)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	57.9%	<25%	ND(0.42) J	
						2-Picoline	CCAL %D	80.2%	<25%	ND(0.42) J	
						3-Methylcholanthrene	CCAL %D	35.6%	<25%	ND(0.84) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.42) J	
						4-Nitroaniline	CCAL %D	29.4%	<25%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL %D	53.2%	<25%	ND(0.84) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.007	>0.05	ND(0.84) J	
						a,a'-Dimethylphenethylamine	CCAL %D	44.5%	<25%	ND(0.84) J	
						Aramite	CCAL %D	84.4%	<25%	ND(0.84) J	
						Benzidine	CCAL %D	89.7%	<25%	ND(0.84) J	
						Benzidine	ICAL RRF	0.020	>0.05	ND(0.84) J	
						Benzyl Alcohol	CCAL %D	37.7%	<25%	ND(0.84) J	
						bis(2-Ethylhexyl)phthalate	CCAL %D	55.9%	<25%	ND(0.41) J	
						Butylbenzylphthalate	CCAL %D	55.0%	<25%	ND(0.42) J	
						Diallate	CCAL %D	30.4%	<25%	ND(0.84) J	
						Hexachlorocyclopentadiene	CCAL %D	60.7%	<25%	ND(0.42) J	
						Isodrin	CCAL %D	30.9%	<25%	ND(0.42) J	
						N-Nitroso-di-n-butylamine	CCAL %D	45.5%	<25%	ND(0.84) J	
						Pronamide	CCAL %D	38.0%	<25%	ND(0.42) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.42) J	
						Thionazin	CCAL %D	47.9%	<25%	ND(0.42) J	
4L0P043	3D-A9-1 (1 - 3)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	57.9%	<25%	ND(0.39) J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4L0P043	3D-A9-1 (1 - 3)	12/1/2004	Soil	Tier II	Yes	2-Picoline	CCAL %D	80.2%	<25%	ND(0.39) J	
						3-Methylcholanthrene	CCAL %D	35.6%	<25%	ND(0.78) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.39) J	
						4-Nitroaniline	CCAL %D	29.4%	<25%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	CCAL %D	53.2%	<25%	ND(0.78) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.007	>0.05	ND(0.78) J	
						a,a'-Dimethylphenethylamine	CCAL %D	44.5%	<25%	ND(0.78) J	
						Aramite	CCAL %D	84.4%	<25%	ND(0.78) J	
						Benzidine	CCAL %D	89.7%	<25%	ND(0.78) J	
						Benzididine	CCAL RRF	0.020	>0.05	ND(0.78) J	
						Benzyl Alcohol	CCAL %D	37.7%	<25%	ND(0.78) J	
						bis(2-Ethylhexyl)phthalate	CCAL %D	55.9%	<25%	0.64 J	
						Butylbenzylphthalate	CCAL %D	55.0%	<25%	ND(0.39) J	
						Diallate	CCAL %D	30.4%	<25%	ND(0.78) J	
						Hexachlorocyclopentadiene	CCAL %D	60.7%	<25%	ND(0.39) J	
						Isodrin	CCAL %D	30.9%	<25%	ND(0.39) J	
						N-Nitroso-di-n-butylamine	CCAL %D	45.5%	<25%	ND(0.78) J	
						Pronamide	CCAL %D	38.0%	<25%	ND(0.39) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.39) J	
						Safrole	CCAL %D	38.7%	<25%	ND(0.39) J	
						Thionazin	CCAL %D	47.9%	<25%	ND(0.39) J	
4L0P043	3D-A9-10 (0 - 1)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	36.7%	<25%	ND(0.37) J	
						2,4-Dinitrophenol	CCAL RRF	0.046	>0.05	ND(1.9) J	
						3-Methylcholanthrene	CCAL %D	34.4%	<25%	ND(0.75) J	
						3-Nitroaniline	CCAL %D	27.6%	<25%	ND(1.9) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.37) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.8%	<25%	ND(0.37) J	
						4-Nitroaniline	CCAL %D	28.6%	<25%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL %D	27.6%	<25%	ND(0.75) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.024	>0.05	ND(0.75) J	
						a,a'-Dimethylphenethylamine	CCAL %D	38.8%	<25%	ND(0.75) J	
						Benzyl Alcohol	CCAL %D	37.1%	<25%	ND(0.75) J	
						Hexachloropropene	CCAL %D	26.0%	<25%	ND(0.37) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.37) J	
						Safrole	CCAL %D	47.2%	<25%	ND(0.37) J	
4L0P043	3D-A9-10 (1 - 3)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	36.7%	<25%	ND(0.38) J	
						2,4-Dinitrophenol	CCAL RRF	0.046	>0.05	ND(1.9) J	
						3-Methylcholanthrene	CCAL %D	34.4%	<25%	ND(0.77) J	
						3-Nitroaniline	CCAL %D	27.6%	<25%	ND(1.9) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.38) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.8%	<25%	ND(0.38) J	
						4-Nitroaniline	CCAL %D	28.6%	<25%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL %D	27.6%	<25%	ND(0.77) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.024	>0.05	ND(0.77) J	
						a,a'-Dimethylphenethylamine	CCAL %D	38.8%	<25%	ND(0.77) J	
						Benzyl Alcohol	CCAL %D	37.1%	<25%	ND(0.77) J	
						Hexachloropropene	CCAL %D	26.0%	<25%	ND(0.38) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.38) J	
						Safrole	CCAL %D	47.2%	<25%	ND(0.38) J	
4L0P043	3D-A9-10 (3 - 5)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	36.7%	<25%	ND(0.38) J	
						2,4-Dinitrophenol	CCAL RRF	0.046	>0.05	ND(1.9) J	
						3-Methylcholanthrene	CCAL %D	34.4%	<25%	ND(0.76) J	
						3-Nitroaniline	CCAL %D	27.6%	<25%	ND(1.9) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.38) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.8%	<25%	ND(0.38) J	
						4-Nitroaniline	CCAL %D	28.6%	<25%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL %D	27.6%	<25%	ND(0.76) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.024	>0.05	ND(0.76) J	
						a,a'-Dimethylphenethylamine	CCAL %D	38.8%	<25%	ND(0.76) J	
						Benzyl Alcohol	CCAL %D	37.1%	<25%	ND(0.76) J	
						Hexachloropropene	CCAL %D	26.0%	<25%	ND(0.38) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.38) J	
						Safrole	CCAL %D	47.2%	<25%	ND(0.38) J	
4L0P043	3D-A9-11 (0 - 1)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	36.7%	<25%	ND(0.42) J	
						2,4-Dinitrophenol	CCAL RRF	0.046	>0.05	ND(2.2) J	
						3-Methylcholanthrene	CCAL %D	34.4%	<25%	ND(0.85) J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4L0P043	3D-A9-11 (0 - 1)	12/1/2004	Soil	Tier II	Yes	3-Nitroaniline	CCAL %D	27.6%	<25%	ND(2.2) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.42) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.8%	<25%	ND(0.42) J	
						4-Nitroaniline	CCAL %D	28.6%	<25%	ND(2.2) J	
						4-Nitroquinoline-1-oxide	CCAL %D	27.6%	<25%	ND(0.85) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.024	>0.05	ND(0.85) J	
						a,a'-Dimethylphenethylamine	CCAL %D	38.8%	<25%	ND(0.85) J	
						Benzyl Alcohol	CCAL %D	37.1%	<25%	ND(0.85) J	
						Hexachloropropene	CCAL %D	26.0%	<25%	ND(0.42) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.42) J	
						Safrole	CCAL %D	47.2%	<25%	ND(0.42) J	
4L0P043	3D-A9-11 (1 - 3)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	36.7%	<25%	ND(0.42) J	
						2,4-Dinitrophenol	CCAL RRF	0.046	>0.05	ND(2.1) J	
						3-Methylcholanthrene	CCAL %D	34.4%	<25%	ND(0.84) J	
						3-Nitroaniline	CCAL %D	27.6%	<25%	ND(2.1) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.42) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.8%	<25%	ND(0.42) J	
						4-Nitroaniline	CCAL %D	28.6%	<25%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL %D	27.6%	<25%	ND(0.84) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.024	>0.05	ND(0.84) J	
						a,a'-Dimethylphenethylamine	CCAL %D	38.8%	<25%	ND(0.84) J	
						Benzyl Alcohol	CCAL %D	37.1%	<25%	ND(0.84) J	
						Hexachloropropene	CCAL %D	26.0%	<25%	ND(0.42) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.42) J	
						Safrole	CCAL %D	47.2%	<25%	ND(0.42) J	
4L0P043	3D-A9-12 (0 - 1)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	36.7%	<25%	ND(0.42) J	
						2,4-Dinitrophenol	CCAL RRF	0.046	>0.05	ND(2.2) J	
						3-Methylcholanthrene	CCAL %D	34.4%	<25%	ND(0.85) J	
						3-Nitroaniline	CCAL %D	27.6%	<25%	ND(2.2) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.42) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.8%	<25%	ND(0.42) J	
						4-Nitroaniline	CCAL %D	28.6%	<25%	ND(2.2) J	
						4-Nitroquinoline-1-oxide	CCAL %D	27.6%	<25%	ND(0.85) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.024	>0.05	ND(0.85) J	
						a,a'-Dimethylphenethylamine	CCAL %D	38.8%	<25%	ND(0.85) J	
						Benzyl Alcohol	CCAL %D	37.1%	<25%	ND(0.85) J	
						Hexachloropropene	CCAL %D	26.0%	<25%	ND(0.42) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.42) J	
						Safrole	CCAL %D	47.2%	<25%	ND(0.42) J	
4L0P043	3D-A9-12 (1 - 3)	12/1/2004	Soil	Tier II	Yes	3-Nitroaniline	CCAL %D	29.4%	<25%	ND(1.9) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.38) J	
						4-Nitroaniline	CCAL %D	34.8%	<25%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.023	>0.05	ND(0.76) J	
						a,a'-Dimethylphenethylamine	CCAL %D	41.1%	<25%	ND(0.76) J	
						Benzyl Alcohol	CCAL %D	39.4%	<25%	ND(0.76) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.38) J	
						Safrole	CCAL %D	30.1%	<25%	ND(0.38) J	
4L0P043	3D-A9-3 (0 - 1)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	57.9%	<25%	ND(0.40) J	
						2-Picoline	CCAL %D	80.2%	<25%	ND(0.40) J	
						3-Methylcholanthrene	CCAL %D	35.6%	<25%	ND(0.81) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.40) J	
						4-Nitroaniline	CCAL %D	29.4%	<25%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL %D	53.2%	<25%	ND(0.81) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.007	>0.05	ND(0.81) J	
						a,a'-Dimethylphenethylamine	CCAL %D	44.5%	<25%	ND(0.81) J	
						Aramite	CCAL %D	84.4%	<25%	ND(0.81) J	
						Benzidine	CCAL %D	89.7%	<25%	ND(0.81) J	
						Benzidine	CCAL RRF	0.020	>0.05	ND(0.81) J	
						Benzyl Alcohol	CCAL %D	37.7%	<25%	ND(0.81) J	
						bis(2-Ethylhexyl)phthalate	CCAL %D	55.9%	<25%	ND(0.40) J	
						Butylbenzylphthalate	CCAL %D	55.0%	<25%	ND(0.40) J	
						Diallate	CCAL %D	30.4%	<25%	ND(0.81) J	
						Hexachlorocyclopentadiene	CCAL %D	60.7%	<25%	ND(0.40) J	
						Isodrin	CCAL %D	30.9%	<25%	ND(0.40) J	
						N-Nitroso-di-n-butylamine	CCAL %D	45.5%	<25%	ND(0.81) J	
						Pronamide	CCAL %D	38.0%	<25%	ND(0.40) J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4L0P043	3D-A9-3 (0 - 1)	12/1/2004	Soil	Tier II	Yes	Safrole	iCAL RRF	0.031	>0.05	ND(0.40) J	
						Safrole	CCAL %D	38.7%	<25%	ND(0.40) J	
						Thionazin	CCAL %D	47.9%	<25%	ND(0.40) J	
4L0P043	3D-A9-3 (1 - 3)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	26.2%	<25%	ND(0.38) J	
						4,6-Dinitro-2-methylphenol	iCAL RRF	0.005	>0.05	ND(0.38) J	
						4-Nitroaniline	CCAL %D	34.3%	<25%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	CCAL %D	47.2%	<25%	ND(0.77) J	
						4-Nitroquinoline-1-oxide	iCAL RRF	0.028	>0.05	ND(0.77) J	
						Benzyl Alcohol	CCAL %D	30.6%	<25%	ND(0.77) J	
						Hexachloropropene	CCAL %D	34.5%	<25%	ND(0.38) J	
						Pyrene	CCAL %D	28.0%	<25%	0.52 J	
						Pyridine	CCAL %D	27.3%	<25%	ND(0.38) J	
						Safrole	iCAL RRF	0.031	>0.05	ND(0.38) J	
4L0P043	3D-A9-4 (0 - 1)	12/1/2004	Soil	Tier II	Yes	1,2,4,5-Tetrachlorobenzene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	Used original analysis
						1,2,4-Trichlorobenzene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						1,2-Dichlorobenzene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						1,2-Diphenylhydrazine	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						1,3,5-Trinitrobenzene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						1,3-Dichlorobenzene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						1,3-Dinitrobenzene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						1,4-Dichlorobenzene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						1,4-Naphthoquinone	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						1-Naphthylamine	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						2,4,5-Trichlorophenol	CCAL %D	26.2%	<25%	ND(0.44) J	
						2,4-Dinitrotoluene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						2,6-Dinitrotoluene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						2-Acetylaminofluorene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						2-Chloronaphthalene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						2-Methylnaphthalene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						2-Naphthylamine	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						2-Nitroaniline	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(2.2) J	
						2-Picoline	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						3,3'-Dichlorobenzidine	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						3,3'-Dimethylbenzidine	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						3-Methylcholanthrene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						3-Nitroaniline	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(2.2) J	
						4,6-Dinitro-2-methylphenol	iCAL RRF	0.005	>0.05	ND(0.44) J	
						4-Aminobiphenyl	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						4-Bromophenyl-phenylether	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						4-Chloroaniline	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						4-Chlorobenzilate	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						4-Chlorophenyl-phenylether	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						4-Nitroaniline	CCAL %D	34.3%	<25%	ND(2.2) J	
						4-Nitroaniline	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(2.2) J	
						4-Nitroquinoline-1-oxide	CCAL %D	47.2%	<25%	ND(0.88) J	
						4-Nitroquinoline-1-oxide	iCAL RRF	0.028	>0.05	ND(0.88) J	
						4-Nitroquinoline-1-oxide	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						4-Phenylenediamine	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						5-Nitro-o-tolidine	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						7,12-Dimethylbenz(a)anthracene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						a,a'-Dimethylphenethylamine	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						Acenaphthene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Acenaphthylene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	0.25 J	
						Acetophenone	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Aniline	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Anthracene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	0.22 J	
						Aramite	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						Benzidine	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						Benz(a)anthracene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	0.31 J	
						Benz(a)pyrene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	0.14 J	
						Benz(b)fluoranthene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	0.27 J	
						Benz(o,g,h,i)perylene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Benz(k)fluoranthene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	0.14 J	
						Benzyl Alcohol	CCAL %D	30.6%	<25%	ND(0.88) J	
						bis(2-Chloroethoxy)methane	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						bis(2-Chloroethyl)ether	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4L0P043	3D-A9-4 (0 - 1)	12/1/2004	Soil	Tier II	Yes	bis(2-Chloroisopropyl)ether	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						bis(2-Ethylhexyl)phthalate	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.43) J	
						Butylbenzylphthalate	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Chrysene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	0.16 J	
						Diallate	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Dibenzo(a,h)anthracene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Dibenzofuran	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						Diethylphthalate	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Dimethylphthalate	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Di-n-Butylphthalate	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Di-n-Octylphthalate	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Diphenylamine	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Ethyl Methanesulfonate	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Fluoranthene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	0.26 J	
						Fluorene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Hexachlorobutadiene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Hexachlorobutadiene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Hexachlorocyclopentadiene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Hexachloroethane	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Hexachlorophene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						Hexachloropropene	CCAL %D	34.5%	<25%	ND(0.44) J	
						Hexachloropropene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Indeno(1,2,3-cd)pyrene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	0.10 J	
						Isodrin	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Iso phorone	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Iso safrole	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						Methaprylene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						Methyl Methanesulfonate	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Naphthalene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						Nitrobenzene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						N-Nitrosodiethylamine	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						N-Nitrosodimethylamine	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						N-Nitroso-di-n-butylamine	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						N-Nitroso-di-n-propylamine	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						N-Nitrosodiphenylamine	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						N-Nitrosomethylamine	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						N-Nitrosomorpholine	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						N-Nitrosopiperidine	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						N-Nitrosopyridine	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						o,o,o-Triethylphosphorothioate	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						o-Toluidine	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						p-Dimethylaminooazobenzene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						Pentachlorobenzene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Pentachloroethane	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Pentachloronitrobenzene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						Phenacitin	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.88) J	
						Phenanthrene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	0.16 J	
						Pronamide	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Pyrene	CCAL %D	28.0%	<25%	0.35 J	
						Pyrene	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	0.35 J	
						Pyridine	CCAL %D	27.3%	<25%	ND(0.44) J	
						Pyridine	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.44) J	
						Safrole	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
						Thionazin	Surrogate Recovery Base-neutral	25.6%, 16.0%	30.0% to 115.0%, 18.0% to 137.0%	ND(0.44) J	
4L0P043	3D-A9-4 (1 - 3)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	26.2%	<25%	ND(0.36) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.36) J	
						4-Nitroaniline	CCAL %D	34.3%	<25%	ND(1.8) J	
						4-Nitroquinoline-1-oxide	CCAL %D	47.2%	<25%	ND(0.73) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.028	>0.05	ND(0.73) J	
						Benzyl Alcohol	CCAL %D	30.6%	<25%	ND(0.73) J	
						Hexachloropropene	CCAL %D	34.5%	<25%	ND(0.36) J	
						Pyrene	CCAL %D	28.0%	<25%	0.12 J	
						Pyridine	CCAL %D	27.3%	<25%	ND(0.36) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.36) J	
4L0P043	3D-A9-5 (0 - 1)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	26.2%	<25%	ND(0.41) J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4L0P043	3D-A9-5 (0 - 1)	12/1/2004	Soil	Tier II	Yes	4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.41) J	
						4-Nitroaniline	CCAL %D	34.3%	<25%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL %D	47.2%	<25%	ND(0.82) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.028	>0.05	ND(0.82) J	
						Benzyl Alcohol	CCAL %D	30.6%	<25%	ND(0.82) J	
						Hexachloropropene	CCAL %D	34.5%	<25%	ND(0.41) J	
						Pyrene	CCAL %D	28.0%	<25%	0.58 J	
						Pyridine	CCAL %D	27.3%	<25%	ND(0.41) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.41) J	
4L0P043	3D-A9-5 (1 - 3)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	26.2%	<25%	ND(0.37) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.37) J	
						4-Nitroaniline	CCAL %D	34.3%	<25%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL %D	47.2%	<25%	ND(0.74) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.028	>0.05	ND(0.74) J	
						Benzyl Alcohol	CCAL %D	30.6%	<25%	ND(0.74) J	
						Hexachloropropene	CCAL %D	34.5%	<25%	ND(0.37) J	
						Pyrene	CCAL %D	28.0%	<25%	0.54 J	
						Pyridine	CCAL %D	27.3%	<25%	ND(0.37) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.37) J	
4L0P043	3D-A9-5 (3 - 5)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	26.2%	<25%	ND(0.44) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.44) J	
						4-Nitroaniline	CCAL %D	34.3%	<25%	ND(2.2) J	
						4-Nitroquinoline-1-oxide	CCAL %D	47.2%	<25%	ND(0.89) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.028	>0.05	ND(0.89) J	
						Benzyl Alcohol	CCAL %D	30.6%	<25%	ND(0.89) J	
						Hexachloropropene	CCAL %D	34.5%	<25%	ND(0.44) J	
						Pyrene	CCAL %D	28.0%	<25%	0.21 J	
						Pyridine	CCAL %D	27.3%	<25%	ND(0.44) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.44) J	
4L0P043	3D-A9-7 (0 - 1)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	26.2%	<25%	ND(0.43) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.43) J	
						4-Nitroaniline	CCAL %D	34.3%	<25%	ND(2.2) J	
						4-Nitroquinoline-1-oxide	CCAL %D	47.2%	<25%	ND(0.86) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.028	>0.05	ND(0.86) J	
						Benzyl Alcohol	CCAL %D	30.6%	<25%	ND(0.86) J	
						Hexachloropropene	CCAL %D	34.5%	<25%	ND(0.43) J	
						Pyrene	CCAL %D	28.0%	<25%	0.38 J	
						Pyridine	CCAL %D	27.3%	<25%	ND(0.43) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.43) J	
4L0P043	3D-A9-7 (1 - 3)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	26.2%	<25%	ND(0.39) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.39) J	
						4-Nitroaniline	CCAL %D	34.3%	<25%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	CCAL %D	47.2%	<25%	ND(0.78) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.028	>0.05	ND(0.78) J	
						Benzyl Alcohol	CCAL %D	30.6%	<25%	ND(0.78) J	
						Hexachloropropene	CCAL %D	34.5%	<25%	ND(0.39) J	
						Pyrene	CCAL %D	28.0%	<25%	0.91 J	
						Pyridine	CCAL %D	27.3%	<25%	ND(0.39) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.39) J	
4L0P043	3D-A9-7 (3 - 5)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	26.2%	<25%	ND(0.43) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.43) J	
						4-Nitroaniline	CCAL %D	34.3%	<25%	ND(2.2) J	
						4-Nitroquinoline-1-oxide	CCAL %D	47.2%	<25%	ND(0.87) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.028	>0.05	ND(0.87) J	
						Benzyl Alcohol	CCAL %D	30.6%	<25%	ND(0.87) J	
						Hexachloropropene	CCAL %D	34.5%	<25%	ND(0.43) J	
						Pyrene	CCAL %D	28.0%	<25%	0.34 J	
						Pyridine	CCAL %D	27.3%	<25%	ND(0.43) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.43) J	
4L0P043	3D-A9-8 (0 - 1)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	26.2%	<25%	ND(0.41) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.41) J	
						4-Nitroaniline	CCAL %D	34.3%	<25%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL %D	47.2%	<25%	ND(0.82) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.028	>0.05	ND(0.82) J	
						Benzyl Alcohol	CCAL %D	30.6%	<25%	ND(0.82) J	
						Hexachloropropene	CCAL %D	34.5%	<25%	ND(0.41) J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4L0P043	3D-A9-8 (0 - 1)	12/1/2004	Soil	Tier II	Yes	Pyrene	CCAL %D	28.0%	<25%	0.53 J	
						Pyridine	CCAL %D	27.3%	<25%	ND(0.41) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.41) J	
4L0P043	3D-A9-8 (1 - 3)	12/1/2004	Soil	Tier II	Yes	1,2,4-Trichlorobenzene	MS %R/MSD %R	35.6%, 21.9%	38% to 107%, 38% to 107%	ND(0.40) J	
						1,2,4-Trichlorobenzene	MS/MSD RPD	47.8%	<23%	ND(0.40) J	
						1,4-Dichlorobenzene	MSD %R	12.8%	28% to 104%	ND(0.40) J	
						1,4-Dichlorobenzene	MS/MSD RPD	80.0%	<27%	ND(0.40) J	
						2,4,5-Trichlorophenol	CCAL %D	36.7%	<25%	ND(0.40) J	
						2,4-Dinitrophenol	CCAL RRF	0.046	>0.05	ND(2.1) J	
						2,4-Dinitrotoluene	MS/MSD RPD	48.8%	<47%	ND(0.40) J	
						2-Chlorophenol	MS/MSD RPD	53.3%	<50%	ND(0.40) J	
						3-Methylcholanthrene	CCAL %D	34.4%	<25%	ND(0.82) J	
						3-Nitroaniline	CCAL %D	27.6%	<25%	ND(2.1) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.40) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.8%	<25%	ND(0.40) J	
						4-Chloro-3-Methylphenol	MS/MSD RPD	37.3%	<33%	ND(0.40) J	
						4-Nitroaniline	CCAL %D	28.6%	<25%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL %D	27.6%	<25%	ND(0.82) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.024	>0.05	ND(0.82) J	
						a,a'-Dimethylphenethylamine	CCAL %D	38.8%	<25%	ND(0.82) J	
						Acenaphthene	MSD %R	22.5%	31% to 137%	ND(0.40) J	
						Acenaphthene	MS/MSD RPD	66.8%	<19%	ND(0.40) J	
						Benzyl Alcohol	CCAL %D	37.1%	<25%	ND(0.82) J	
						Hexachloropropene	CCAL %D	26.0%	<25%	ND(0.40) J	
						N-Nitroso-di-n-propylamine	MSD %R	25.3%	41% to 126%	ND(0.40) J	
						N-Nitroso-di-n-propylamine	MS/MSD RPD	60.6%	<38%	ND(0.40) J	
						Pentachlorophenol	MS %R	16.3%	17% to 109%	ND(2.1) J	
						Phenol	MS/MSD RPD	51.4%	<35%	ND(0.40) J	
						Pyrene	MSD %R	34.8%	35% to 142%	0.19 J	
						Pyrene	MS/MSD RPD	80.4%	<36%	0.19 J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.40) J	
						Safrole	CCAL %D	47.2%	<25%	ND(0.40) J	
4L0P043	3D-A9-9 (0 - 1)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	36.7%	<25%	ND(0.41) J	
						2,4-Dinitrophenol	CCAL RRF	0.046	>0.05	ND(2.1) J	
						3-Methylcholanthrene	CCAL %D	34.4%	<25%	ND(0.82) J	
						3-Nitroaniline	CCAL %D	27.6%	<25%	ND(2.1) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.41) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.8%	<25%	ND(0.41) J	
						4-Nitroaniline	CCAL %D	28.6%	<25%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL %D	27.6%	<25%	ND(0.82) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.024	>0.05	ND(0.82) J	
						a,a'-Dimethylphenethylamine	CCAL %D	38.8%	<25%	ND(0.82) J	
						Benzyl Alcohol	CCAL %D	37.1%	<25%	ND(0.82) J	
						Hexachloropropene	CCAL %D	26.0%	<25%	ND(0.41) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.41) J	
						Safrole	CCAL %D	47.2%	<25%	ND(0.41) J	
4L0P043	3D-A9-9 (1 - 3)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	36.7%	<25%	ND(0.38) J	
						2,4-Dinitrophenol	CCAL RRF	0.046	>0.05	ND(2.0) J	
						3-Methylcholanthrene	CCAL %D	34.4%	<25%	ND(0.77) J	
						3-Nitroaniline	CCAL %D	27.6%	<25%	ND(2.0) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.38) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.8%	<25%	ND(0.38) J	
						4-Nitroaniline	CCAL %D	28.6%	<25%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	CCAL %D	27.6%	<25%	ND(0.77) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.024	>0.05	ND(0.77) J	
						a,a'-Dimethylphenethylamine	CCAL %D	38.8%	<25%	ND(0.77) J	
						Benzyl Alcohol	CCAL %D	37.1%	<25%	ND(0.77) J	
						Hexachloropropene	CCAL %D	26.0%	<25%	ND(0.38) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.38) J	
						Safrole	CCAL %D	47.2%	<25%	ND(0.38) J	
4L0P043	3D-DUP-18 (3 - 5)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	36.7%	<25%	ND(0.38) J	3D-A9-10
						2,4-Dinitrophenol	CCAL RRF	0.046	>0.05	ND(1.9) J	
						3-Methylcholanthrene	CCAL %D	34.4%	<25%	ND(0.76) J	
						3-Nitroaniline	CCAL %D	27.6%	<25%	ND(1.9) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.38) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.8%	<25%	ND(0.38) J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4L0P043	3D-DUP-18 (3 - 5)	12/1/2004	Soil	Tier II	Yes	4-Nitroaniline	CCAL %D	28.6%	<25%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL %D	27.6%	<25%	ND(0.76) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.024	>0.05	ND(0.76) J	
						a,a'-Dimethylphenethylamine	CCAL %D	38.8%	<25%	ND(0.76) J	
						Benzyl Alcohol	CCAL %D	37.1%	<25%	ND(0.76) J	
						Hexachloropropene	CCAL %D	26.0%	<25%	ND(0.38) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.38) J	
						Safrole	CCAL %D	47.2%	<25%	ND(0.38) J	
4L0P043	RB-120104-1	12/1/2004	Water	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	57.9%	<25%	ND(0.010) J	
						2-Picoline	CCAL %D	80.2%	<25%	ND(0.010) J	
						3-Methylcholanthrene	CCAL %D	35.6%	<25%	ND(0.010) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.050) J	
						4-Nitroaniline	CCAL %D	29.4%	<25%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL %D	53.2%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.007	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	44.5%	<25%	ND(0.010) J	
						Aramite	CCAL %D	84.4%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	89.7%	<25%	ND(0.020) J	
						Benzidine	CCAL RRF	0.020	>0.05	ND(0.020) J	
						Benzyl Alcohol	CCAL %D	37.7%	<25%	ND(0.020) J	
						bis(2-Ethylhexyl)phthalate	CCAL %D	55.9%	<25%	ND(0.0060) J	
						Butylbenzylphthalate	CCAL %D	55.0%	<25%	ND(0.010) J	
						Diallate	CCAL %D	30.4%	<25%	ND(0.010) J	
						Hexachlorocyclopentadiene	CCAL %D	60.7%	<25%	ND(0.010) J	
						Isodrin	CCAL %D	30.9%	<25%	ND(0.010) J	
						N-Nitroso-di-n-butylamine	CCAL %D	45.5%	<25%	ND(0.010) J	
						Pronamide	CCAL %D	38.0%	<25%	ND(0.010) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.010) J	
						Safrole	CCAL %D	38.7%	<25%	ND(0.010) J	
						Thionazin	CCAL %D	47.9%	<25%	ND(0.010) J	
4L0P043	RB-120104-2	12/1/2004	Water	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	57.9%	<25%	ND(0.010) J	
						2-Picoline	CCAL %D	80.2%	<25%	ND(0.010) J	
						3-Methylcholanthrene	CCAL %D	35.6%	<25%	ND(0.010) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.050) J	
						4-Nitroaniline	CCAL %D	29.4%	<25%	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL %D	53.2%	<25%	ND(0.010) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.007	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	44.5%	<25%	ND(0.010) J	
						Aramite	CCAL %D	84.4%	<25%	ND(0.010) J	
						Benzidine	CCAL %D	89.7%	<25%	ND(0.020) J	
						Benzidine	CCAL RRF	0.020	>0.05	ND(0.020) J	
						Benzyl Alcohol	CCAL %D	37.7%	<25%	ND(0.020) J	
						bis(2-Ethylhexyl)phthalate	CCAL %D	55.9%	<25%	0.016 J	
						Butylbenzylphthalate	CCAL %D	55.0%	<25%	ND(0.010) J	
						Diallate	CCAL %D	30.4%	<25%	ND(0.010) J	
						Hexachlorocyclopentadiene	CCAL %D	60.7%	<25%	ND(0.010) J	
						Isodrin	CCAL %D	30.9%	<25%	ND(0.010) J	
						N-Nitroso-di-n-butylamine	CCAL %D	45.5%	<25%	ND(0.010) J	
						Pronamide	CCAL %D	38.0%	<25%	ND(0.010) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.010) J	
						Safrole	CCAL %D	38.7%	<25%	ND(0.010) J	
						Thionazin	CCAL %D	47.9%	<25%	ND(0.010) J	
4L0P044	3C-A9-11 (0 - 1)	11/30/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	27.1%	<25%	ND(0.41) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.41) J	
						4-Nitroaniline	CCAL %D	26.8%	<25%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.83) J	
						Benzyl Alcohol	CCAL %D	38.6%	<25%	ND(0.83) J	
						Isodrin	CCAL %D	29.6%	<25%	ND(0.41) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.41) J	
4L0P044	3C-A9-2 (0 - 1)	11/30/2004	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL RRF	0.044	>0.05	ND(2.1) J	
						3-Nitroaniline	CCAL %D	29.4%	<25%	ND(2.1) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.42) J	
						4-Nitroaniline	CCAL %D	34.8%	<25%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.023	>0.05	ND(0.84) J	
						a,a'-Dimethylphenethylamine	CCAL %D	41.1%	<25%	ND(0.84) J	
						Benzyl Alcohol	CCAL %D	39.4%	<25%	ND(0.84) J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4L0P044	3C-A9-2 (0 - 1)	11/30/2004	Soil	Tier II	Yes	Safrole	ICAL RRF	0.031	>0.05	ND(0.42) J	
						Safrole	CCAL %D	30.1%	<25%	ND(0.42) J	
4L0P044	3C-A9-2 (1 - 3)	11/30/2004	Soil	Tier II	Yes	2,4-Dinitrophenol	ICAL RRF	0.044	>0.05	ND(2.0) J	
						3-Nitroaniline	CCAL %D	29.4%	<25%	ND(2.0) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.38) J	
						4-Nitroaniline	CCAL %D	34.8%	<25%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.023	>0.05	ND(0.78) J	
						a,a'-Dimethylphenethylamine	CCAL %D	41.1%	<25%	ND(0.78) J	
						Benzyl Alcohol	CCAL %D	39.4%	<25%	ND(0.78) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.38) J	
						Safrole	CCAL %D	30.1%	<25%	ND(0.38) J	
4L0P044	3C-A9-3 (0 - 1)	11/30/2004	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL RRF	0.044	>0.05	ND(1.9) J	
						3-Nitroaniline	CCAL %D	29.4%	<25%	ND(1.9) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.37) J	
						4-Nitroaniline	CCAL %D	34.8%	<25%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.023	>0.05	ND(0.75) J	
						a,a'-Dimethylphenethylamine	CCAL %D	41.1%	<25%	ND(0.75) J	
						Benzyl Alcohol	CCAL %D	39.4%	<25%	ND(0.75) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.37) J	
						Safrole	CCAL %D	30.1%	<25%	ND(0.37) J	
4L0P044	3C-A9-3 (1 - 3)	11/30/2004	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL RRF	0.044	>0.05	ND(1.8) J	
						3-Nitroaniline	CCAL %D	29.4%	<25%	ND(1.8) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.36) J	
						4-Nitroaniline	CCAL %D	34.8%	<25%	ND(1.8) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.023	>0.05	ND(0.72) J	
						a,a'-Dimethylphenethylamine	CCAL %D	41.1%	<25%	ND(0.72) J	
						Benzyl Alcohol	CCAL %D	39.4%	<25%	ND(0.72) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.36) J	
						Safrole	CCAL %D	30.1%	<25%	ND(0.36) J	
4L0P044	3C-A9-4 (0 - 1)	11/30/2004	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL RRF	0.044	>0.05	ND(1.9) J	
						3-Nitroaniline	CCAL %D	29.4%	<25%	ND(1.9) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.37) J	
						4-Nitroaniline	CCAL %D	34.8%	<25%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.023	>0.05	ND(0.75) J	
						a,a'-Dimethylphenethylamine	CCAL %D	41.1%	<25%	ND(0.75) J	
						Benzyl Alcohol	CCAL %D	39.4%	<25%	ND(0.75) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.37) J	
						Safrole	CCAL %D	30.1%	<25%	ND(0.37) J	
4L0P044	3C-A9-4 (1 - 2)	11/30/2004	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL RRF	0.044	>0.05	ND(1.9) J	
						3-Nitroaniline	CCAL %D	29.4%	<25%	ND(1.9) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.37) J	
						4-Nitroaniline	CCAL %D	34.8%	<25%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.023	>0.05	ND(0.74) J	
						a,a'-Dimethylphenethylamine	CCAL %D	41.1%	<25%	ND(0.74) J	
						Benzyl Alcohol	CCAL %D	39.4%	<25%	ND(0.74) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.37) J	
						Safrole	CCAL %D	30.1%	<25%	ND(0.37) J	
4L0P044	3C-A9-5 (0 - 1)	11/30/2004	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL RRF	0.044	>0.05	ND(1.9) J	
						3-Nitroaniline	CCAL %D	29.4%	<25%	ND(1.9) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.37) J	
						4-Nitroaniline	CCAL %D	34.8%	<25%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.023	>0.05	ND(0.74) J	
						a,a'-Dimethylphenethylamine	CCAL %D	41.1%	<25%	ND(0.74) J	
						Benzyl Alcohol	CCAL %D	39.4%	<25%	ND(0.74) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.37) J	
						Safrole	CCAL %D	30.1%	<25%	ND(0.37) J	
4L0P044	3C-A9-7 (0 - 1)	11/30/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	27.1%	<25%	ND(0.40) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.40) J	
						4-Nitroaniline	CCAL %D	26.8%	<25%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	ICAL RRF	0.022	>0.05	ND(0.80) J	
						Benzyl Alcohol	CCAL %D	38.6%	<25%	ND(0.80) J	
						Isodrin	CCAL %D	29.6%	<25%	ND(0.40) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.40) J	
4L0P044	3C-A9-7 (1 - 3)	11/30/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	27.1%	<25%	ND(0.37) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.37) J	
						4-Nitroaniline	CCAL %D	26.8%	<25%	ND(1.9) J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4L0P044	3C-A9-7 (1 - 3)	11/30/2004	Soil	Tier II	Yes	4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.75) J	
						Benzyl Alcohol	CCAL %D	38.6%	<25%	ND(0.75) J	
						Isodrin	CCAL %D	29.6%	<25%	ND(0.37) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.37) J	
4L0P044	3C-A9-8 (0 - 1)	11/30/2004	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL RRF	0.044	>0.05	ND(1.9) J	
						3-Nitroaniline	CCAL %D	29.4%	<25%	ND(1.9) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.38) J	
						4-Nitroaniline	CCAL %D	34.8%	<25%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.023	>0.05	ND(0.76) J	
						a,a'-Dimethylphenethylamine	CCAL %D	41.1%	<25%	ND(0.76) J	
						Benzyl Alcohol	CCAL %D	39.4%	<25%	ND(0.76) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.38) J	
						CCAL %D		30.1%	<25%	ND(0.38) J	
4L0P044	3C-A9-9 (0 - 1)	11/30/2004	Soil	Tier II	Yes	1,2,4-Trichlorobenzene	MS %R/MSD %R	18.1%, 12.2%	40% to 105%, 40% to 105%	ND(0.44) J	
						1,2,4-Trichlorobenzene	MS/MSD RPD	39.5%	<23%	ND(0.44) J	
						1,4-Dichlorobenzene	MS %R/MSD %R	13.93%, 13.0%	30% to 100%, 30% to 100%	ND(0.44) J	
						2,3,4,6-Tetrachlorophenol	Surrogate Recovery Acid	23.5%, 11.8%	25.0% to 121.0%, 19.0% to 122.0%	ND(0.44) J	
						2,4,5-Trichlorophenol	Surrogate Recovery Acid	23.5%, 11.8%	25.0% to 121.0%, 19.0% to 122.0%	ND(0.44) J	
						2,4,6-Trichlorophenol	Surrogate Recovery Acid	23.5%, 11.8%	25.0% to 121.0%, 19.0% to 122.0%	ND(0.44) J	
						2,4-Dichlorophenol	Surrogate Recovery Acid	23.5%, 11.8%	25.0% to 121.0%, 19.0% to 122.0%	ND(0.44) J	
						2,4-Dimethylphenol	Surrogate Recovery Acid	23.5%, 11.8%	25.0% to 121.0%, 19.0% to 122.0%	ND(0.44) J	
						2,4-Dinitrophenol	CCAL RRF	0.044	>0.05	ND(2.2) J	
						2,4-Dinitrophenol	Surrogate Recovery Acid	23.5%, 11.8%	25.0% to 121.0%, 19.0% to 122.0%	ND(2.2) J	
						2,6-Dichlorophenol	Surrogate Recovery Acid	23.5%, 11.8%	25.0% to 121.0%, 19.0% to 122.0%	ND(0.44) J	
						2-Chlorophenol	Surrogate Recovery Acid	23.5%, 11.8%	25.0% to 121.0%, 19.0% to 122.0%	ND(0.44) J	
						2-Methylphenol	Surrogate Recovery Acid	23.5%, 11.8%	25.0% to 121.0%, 19.0% to 122.0%	ND(0.44) J	
						2-Nitrophenol	Surrogate Recovery Acid	23.5%, 11.8%	25.0% to 121.0%, 19.0% to 122.0%	ND(0.88) J	
						3&4-Methylphenol	Surrogate Recovery Acid	23.5%, 11.8%	25.0% to 121.0%, 19.0% to 122.0%	ND(0.88) J	
						3-Nitroaniline	CCAL %D	29.4%	<25%	ND(2.2) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.44) J	
						4,6-Dinitro-2-methylphenol	Surrogate Recovery Acid	23.5%, 11.8%	25.0% to 121.0%, 19.0% to 122.0%	ND(0.44) J	
						4-Chloro-3-Methylphenol	Surrogate Recovery Acid	23.5%, 11.8%	25.0% to 121.0%, 19.0% to 122.0%	ND(0.44) J	
						4-Nitroaniline	CCAL %D	34.8%	<25%	ND(2.2) J	
						4-Nitrophenol	Surrogate Recovery Acid	23.5%, 11.8%	25.0% to 121.0%, 19.0% to 122.0%	ND(2.2) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.023	>0.05	ND(0.88) J	
						a,a'-Dimethylphenethylamine	CCAL %D	41.1%	<25%	ND(0.88) J	
						Acenaphthene	MS %R/MSD %R	23.6%, 15.4%	35% to 135%, 35% to 135%	ND(0.44) J	
						Acenaphthene	MS/MSD RPD	42.3%	<19%	ND(0.44) J	
						Benzyl Alcohol	CCAL %D	39.4%	<25%	ND(0.88) J	
						Benzyl Alcohol	Surrogate Recovery Acid	23.5%, 11.8%	25.0% to 121.0%, 19.0% to 122.0%	ND(0.88) J	
						N,N-Nitroso-di-n-propylamine	MS %R/MSD %R	28.7%, 35.2%	45% to 125%, 45% to 125%	ND(0.44) J	
						Pentachlorophenol	Surrogate Recovery Acid	23.5%, 11.8%	25.0% to 121.0%, 19.0% to 122.0%	ND(2.2) J	
						Phenol	Surrogate Recovery Acid	23.5%, 11.8%	25.0% to 121.0%, 19.0% to 122.0%	ND(0.44) J	
						Pyrene	MSD %R	26.2%	35% to 140%	0.60 J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.44) J	
						Safrole	CCAL %D	30.1%	<25%	ND(0.44) J	
4L0P044	3C-A9-9 (1 - 3)	11/30/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	27.1%	<25%	ND(0.41) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.41) J	
						4-Nitroaniline	CCAL %D	26.8%	<25%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.82) J	
						Benzyl Alcohol	CCAL %D	38.6%	<25%	ND(0.82) J	
						Isodrin	CCAL %D	29.6%	<25%	ND(0.41) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.41) J	
4L0P044	3C-DUP-17 (0 - 1)	11/30/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	27.1%	<25%	ND(0.39) J	3C-A9-7
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.39) J	
						4-Nitroaniline	CCAL %D	26.8%	<25%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.78) J	
						Benzyl Alcohol	CCAL %D	38.6%	<25%	ND(0.78) J	
						Isodrin	CCAL %D	29.6%	<25%	ND(0.39) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.39) J	
4L0P045	3D-A9-13 (0 - 1)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	27.1%	<25%	ND(0.43) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.43) J	
						4-Nitroaniline	CCAL %D	26.8%	<25%	ND(2.2) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.87) J	
						Benzyl Alcohol	CCAL %D	38.6%	<25%	ND(0.87) J	
						Isodrin	CCAL %D	29.6%	<25%	ND(0.43) J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4L0P045	3D-A9-13 (0 - 1)	12/1/2004	Soil	Tier II	Yes	Safrole	ICAL RRF	0.031	>0.05	ND(0.43) J	
4L0P045	3D-A9-13 (1 - 3)	12/1/2004	Soil	Tier II	Yes	1,2,4,5-Tetrachlorobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	Used reanalysis
						1,2,4-Trichlorobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						1,2-Dichlorobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						1,2-Diphenylhydrazine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						1,3,5-Trinitrobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						1,3,5-Trinitrobenzene	CCAL %D	49.0%	<25%	ND(0.38) J	
						1,3-Dichlorobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						1,3-Dinitrobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						1,4-Dichlorobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						1,4-Naphthoquinone	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						1-Naphthylamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						1-Naphthylamine	CCAL %D	34.3%	<25%	ND(0.78) J	
						2,3,4,6-Tetrachlorophenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	31.7%	<25%	ND(0.38) J	
						2,4,5-Trichlorophenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						2,4,5-Trichlorophenol	CCAL %D	25.9%	<25%	ND(0.38) J	
						2,4,6-Trichlorophenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						2,4-Dichlorophenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						2,4-Dimethylphenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						2,4-Dinitrophenol	Holdtimes (Extraction)	20 days	< 14 days	ND(2.0) J	
						2,4-Dinitrotoluene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						2,6-Dichlorophenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						2,6-Dinitrotoluene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						2-Acetylaminofluorene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						2-Chloronaphthalene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						2-Chlorophenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						2-Methylnaphthalene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						2-Methylphenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						2-Naphthylamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						2-Nitroaniline	Holdtimes (Extraction)	20 days	< 14 days	ND(2.0) J	
						2-Nitrophenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						2-Picoline	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						3&4-Methylphenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						3,3-Dichlorobenzidine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						3,3'-Dimethylbenzidine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						3-Methylcholanthrene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						3-Nitroaniline	Holdtimes (Extraction)	20 days	< 14 days	ND(2.0) J	
						4,6-Dinitro-2-methylphenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.38) J	
						4-Aminobiphenyl	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						4-Aminobiphenyl	CCAL %D	27.8%	<25%	ND(0.78) J	
						4-Bromophenyl-phenylether	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						4-Chloro-3-Methylphenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						4-Chloroaniline	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						4-Chlorobenzilate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						4-Chlorophenyl-phenylether	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						4-Nitroaniline	Holdtimes (Extraction)	20 days	< 14 days	ND(2.0) J	
						4-Nitrophenol	Holdtimes (Extraction)	20 days	< 14 days	ND(2.0) J	
						4-Nitroquinoline-1-oxide	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						4-Nitroquinoline-1-oxide	CCAL %D	88.7%	<25%	ND(0.78) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.038	>0.05	ND(0.78) J	
						4-Phenylenediamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						5-Nitro-o-toluidine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						7,12-Dimethylbenz(a)anthracene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						a,a'-Dimethylphenethylamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						a,a'-Dimethylphenethylamine	CCAL %D	51.7%	<25%	ND(0.78) J	
						Acenaphthene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Acenaphthylene	Holdtimes (Extraction)	20 days	< 14 days	0.24 J	
						Acetophenone	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Acetophenone	CCAL %D	31.8%	<25%	ND(0.38) J	
						Aniline	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Anthracene	Holdtimes (Extraction)	20 days	< 14 days	0.18 J	
						Aramide	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						Benzidine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						Benzidine	CCAL %D	89.0%	<25%	ND(0.78) J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4L0P045	3D-A9-13 (1 - 3)	12/1/2004	Soil	Tier II	Yes	Benzidine	CCAL RRF	0.021	>0.05	ND(0.78) J	
						Benzo(a)anthracene	Holdtimes (Extraction)	20 days	< 14 days	0.23 J	
						Benzo(a)pyrene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Benzo(b)fluoranthene	Holdtimes (Extraction)	20 days	< 14 days	0.25 J	
						Benzo(g,h,i)perylene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Benzo(k)fluoranthene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Benzyl Alcohol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						Benzyl Alcohol	CCAL %D	73.3%	<25%	ND(0.78) J	
						bis(2-Chloroethoxy)methane	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						bis(2-Chloroethyl)ether	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						bis(2-Chloroisopropyl)ether	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						bis(2-Ethylhexyl)phthalate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Butylbenzylphthalate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Chrysene	Holdtimes (Extraction)	20 days	< 14 days	0.079 J	
						Dialkate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						Dibenzo(a,h)anthracene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Dibenzofuran	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Diethylphthalate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Dimethylphthalate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Di-n-Butylphthalate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Di-n-Octylphthalate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Diphenylamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Ethyl Methanesulfonate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Fluoranthene	Holdtimes (Extraction)	20 days	< 14 days	0.13 J	
						Fluorene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Hexachlorobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Hexachlorobutadiene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Hexachlorocyclopentadiene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Hexachloroethane	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Hexachlorophene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						Hexachloropropene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Indeno(1,2,3-cd)pyrene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Isodrin	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Isophorone	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Isosafrole	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						Methaprylene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						Methyl Methanesulfonate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Naphthalene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Nitrobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						N-Nitrosodiethylamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						N-Nitrosodimethylamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						N-Nitroso-di-n-butylamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						N-Nitroso-di-n-butylamine	CCAL %D	29.6%	<25%	ND(0.78) J	
						N-Nitroso-di-n-propylamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						N-Nitrosodiphenylamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						N-Nitrosomethylamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						N-Nitrosomorpholine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						N-Nitrosopiperidine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						N-Nitrosopyrrolidine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						o,o,o-Triethylphosphorothioate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						c-Toluidine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						p-Dimethylaminoazobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						Pentachlorobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Pentachloroethane	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Pentachloronitrobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						Pentachlorophenol	Holdtimes (Extraction)	20 days	< 14 days	ND(2.0) J	
						Phenacetin	Holdtimes (Extraction)	20 days	< 14 days	ND(0.78) J	
						Phenacetin	CCAL %D	31.8%	<25%	ND(0.78) J	
						Phenanthrene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Phenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Pronamide	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Pyrene	Holdtimes (Extraction)	20 days	< 14 days	0.12 J	
						Pyridine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Safrole	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.38) J	
						Thionazin	Holdtimes (Extraction)	20 days	< 14 days	ND(0.38) J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4L0P045	3D-A9-14 (0 - 1)	12/1/2004	Soil	Tier II	Yes	1,2,4,5-Tetrachlorobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	Used reanalysis
						1,2,4-Trichlorobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						1,2-Dichlorobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						1,2-Diphenylhydrazine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						1,3,5-Trinitrobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						1,3,5-Trinitrobenzene	CCAL %D	49.0%	<25%	ND(0.43) J	
						1,3-Dichlorobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						1,3-Dinitrobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						1,4-Dichlorobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						1,4-Naphthoquinone	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						1-Naphthylamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						1-Naphthylamine	CCAL %D	34.3%	<25%	ND(0.87) J	
						2,3,4,6-Tetrachlorophenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						2,3,4,6-Tetrachlorophenol	CCAL %D	31.7%	<25%	ND(0.43) J	
						2,4,5-Trichlorophenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						2,4,5-Trichlorophenol	CCAL %D	25.9%	<25%	ND(0.43) J	
						2,4,6-Trichlorophenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						2,4-Dichlorophenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						2,4-Dimethylphenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						2,4-Dinitrophenol	Holdtimes (Extraction)	20 days	< 14 days	ND(2.2) J	
						2,4-Dinitrotoluene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						2,6-Dichlorophenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						2,6-Dinitrotoluene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						2-Acetylaminofluorene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						2-Chloronaphthalene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						2-Chlorophenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						2-Methylnaphthalene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						2-Methylphenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						2-Naphthylamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						2-Nitroaniline	Holdtimes (Extraction)	20 days	< 14 days	ND(2.2) J	
						2-Nitrophenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						2-Picoline	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						3&4-Methylphenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						3,3-Dichlorobenzidine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						3,3'-Dimethylbenzidine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						3-Methylcholanthrene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						3-Nitroaniline	Holdtimes (Extraction)	20 days	< 14 days	ND(2.2) J	
						4,6-Dinitro-2-methylphenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.43) J	
						4-Aminobiphenyl	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						4-Aminobiphenyl	CCAL %D	27.8%	<25%	ND(0.87) J	
						4-Bromophenyl-phenylether	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						4-Chloro-3-Methylphenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						4-Chloroaniline	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						4-Chlorobenzilate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						4-Chlorophenyl-phenylether	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						4-Nitroaniline	Holdtimes (Extraction)	20 days	< 14 days	ND(2.2) J	
						4-Nitrophenol	Holdtimes (Extraction)	20 days	< 14 days	ND(2.2) J	
						4-Nitroquinoline-1-oxide	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						4-Nitroquinoline-1-oxide	CCAL %D	88.7%	<25%	ND(0.87) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.038	>0.05	ND(0.87) J	
						4-Phenylenediamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						5-Nitro-o-toluidine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						7,12-Dimethylbenz(a)anthracene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						a,a'-Dimethylphenethylamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						a,a'-Dimethylphenethylamine	CCAL %D	51.7%	<25%	ND(0.87) J	
						Acenaphthene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Acenaphthylene	Holdtimes (Extraction)	20 days	< 14 days	0.44 J	
						Acetophenone	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Acetophenone	CCAL %D	31.8%	<25%	ND(0.43) J	
						Aniline	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Anthracene	Holdtimes (Extraction)	20 days	< 14 days	0.38 J	
						Aramite	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						Benzidine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						Benzidine	CCAL %D	89.0%	<25%	ND(0.87) J	
						Benzidine	CCAL RRF	0.021	>0.05	ND(0.87) J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4L0P045	3D-A9-14 (0 - 1)	12/1/2004	Soil	Tier II	Yes	Benzo(a)anthracene	Holdtimes (Extraction)	20 days	< 14 days	0.78 J	
						Benzo(a)pyrene	Holdtimes (Extraction)	20 days	< 14 days	0.62 J	
						Benzo(b)fluoranthene	Holdtimes (Extraction)	20 days	< 14 days	0.49 J	
						Benzo(g,h,i)perylene	Holdtimes (Extraction)	20 days	< 14 days	0.26 J	
						Benzo(k)fluoranthene	Holdtimes (Extraction)	20 days	< 14 days	0.52 J	
						Benzyl Alcohol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						Benzyl Alcohol	CCAL %D	73.3%	<25%	ND(0.87) J	
						bis(2-Chloroethoxy)methane	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						bis(2-Chloroethyl)ether	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						bis(2-Chloroisopropyl)ether	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						bis(2-Ethylhexyl)phthalate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Butylbenzylphthalate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Chrysene	Holdtimes (Extraction)	20 days	< 14 days	0.66 J	
						Diallate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						Dibenzol(a,h)anthracene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Dibenzofuran	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Diethylphthalate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Dimethylphthalate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Di-n-Butylphthalate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Di-n-Octylphthalate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Diphenylamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Ethyl Methanesulfonate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Fluoranthene	Holdtimes (Extraction)	20 days	< 14 days	1.2 J	
						Fluorene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Hexachlorobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Hexachlorobutadiene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Hexachlorocyclopentadiene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Hexachloroethane	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Hexachlorophene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						Hexachloropropene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Indeno(1,2,3-cd)pyrene	Holdtimes (Extraction)	20 days	< 14 days	0.22 J	
						Isodrin	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Isophorone	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Iso safrole	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						Methapyrilene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						Methyl Methanesulfonate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Naphthalene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Nitrobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						N-Nitrosodiethylamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						N-Nitrosodimethylamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						N-Nitroso-di-n-butylamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						N-Nitroso-di-n-butylamine	CCAL %D	29.6%	<25%	ND(0.87) J	
						N-Nitroso-di-n-propylamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						N-Nitrosodiphenylamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						N-Nitrosomethyl ethylamine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						N-Nitrosomorpholine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						N-Nitrosopiperidine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						N-Nitrosopyrrolidine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						o,o,o-Triethyl phosphorothioate	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						o-Toluidine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						p-Dimethylaminooazobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						Pentachlorobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Pentachloroethane	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Pentachloronitrobenzene	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						Pentachlorophenol	Holdtimes (Extraction)	20 days	< 14 days	ND(2.2) J	
						Phenacetin	Holdtimes (Extraction)	20 days	< 14 days	ND(0.87) J	
						Phenacetin	CCAL %D	31.8%	<25%	ND(0.87) J	
						Phenanthrene	Holdtimes (Extraction)	20 days	< 14 days	0.56 J	
						Phenol	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Pronamide	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Pyrene	Holdtimes (Extraction)	20 days	< 14 days	0.97 J	
						Pyridine	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Safrole	Holdtimes (Extraction)	20 days	< 14 days	ND(0.43) J	
						Thioniazin	ICAL RRF	0.031	>0.05	ND(0.43) J	
4L0P045	3D-A9-14 (1 - 3)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	27.1%	<25%	ND(0.38) J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4L0P045	3D-A9-14 (1 - 3)	12/1/2004	Soil	Tier II	Yes	4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.38) J	
						4-Nitroaniline	CCAL %D	26.8%	<25%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.77) J	
						Benzyl Alcohol	CCAL %D	38.6%	<25%	ND(0.77) J	
						Isodrin	CCAL %D	29.6%	<25%	ND(0.38) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.38) J	
4L0P045	3D-A9-14 (3 - 5)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	27.1%	<25%	ND(0.37) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.37) J	
						4-Nitroaniline	CCAL %D	26.8%	<25%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.75) J	
						Benzyl Alcohol	CCAL %D	38.6%	<25%	ND(0.75) J	
						Isodrin	CCAL %D	29.6%	<25%	ND(0.37) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.37) J	
4L0P045	3D-A9-15 (0 - 1)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	27.1%	<25%	ND(0.44) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.44) J	
						4-Nitroaniline	CCAL %D	26.8%	<25%	ND(2.2) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.88) J	
						Benzyl Alcohol	CCAL %D	38.6%	<25%	ND(0.88) J	
						Isodrin	CCAL %D	29.6%	<25%	ND(0.44) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.44) J	
4L0P045	3D-A9-15 (1 - 3)	12/1/2004	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	33.7%	<25%	ND(0.43) J	
						2,4,5-Trichlorophenol	CCAL %D	35.0%	<25%	ND(0.43) J	
						2,4-Dinitrophenol	CCAL %D	31.2%	<25%	ND(2.2) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.7%	<25%	ND(0.43) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.43) J	
						4-Nitroaniline	CCAL %D	36.1%	<25%	ND(2.2) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.015	>0.05	ND(0.87) J	
						a,a'-Dimethylphenethylamine	CCAL %D	65.2%	<25%	ND(0.87) J	
						Aramite	CCAL %D	99.9%	<25%	ND(0.87) J	
						Benzidine	CCAL %D	27.3%	<25%	ND(0.87) J	
						Benzyl Alcohol	CCAL %D	59.4%	<25%	ND(0.87) J	
						bis(2-Ethylhexyl)phthalate	CCAL %D	61.9%	<25%	ND(0.43) J	
						Butylbenzylphthalate	CCAL %D	69.5%	<25%	ND(0.43) J	
						Pronamide	CCAL %D	26.4%	<25%	ND(0.43) J	
						Pyrene	CCAL %D	46.7%	<25%	0.13 J	
						Safrole	CCAL %D	86.2%	<25%	ND(0.43) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.43) J	
4L0P045	3D-A9-6 (0 - 1)	12/1/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	27.1%	<25%	ND(0.44) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.44) J	
						4-Nitroaniline	CCAL %D	26.8%	<25%	ND(2.3) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.89) J	
						Benzyl Alcohol	CCAL %D	38.6%	<25%	ND(0.89) J	
						Isodrin	CCAL %D	29.6%	<25%	ND(0.44) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.44) J	
4L0P069	3C-A9-1 (0 - 1)	12/2/2004	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	33.7%	<25%	ND(0.51) J	
						2,4,5-Trichlorophenol	CCAL %D	35.0%	<25%	ND(0.51) J	
						2,4-Dinitrophenol	CCAL %D	31.2%	<25%	ND(2.6) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.51) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.7%	<25%	ND(0.51) J	
						4-Nitroaniline	CCAL %D	36.1%	<25%	ND(2.6) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(1.0) J	
						a,a'-Dimethylphenethylamine	CCAL %D	65.2%	<25%	ND(1.0) J	
						Aramite	CCAL %D	99.9%	<25%	ND(1.0) J	
						Benzidine	CCAL %D	27.3%	<25%	ND(1.0) J	
						Benzyl Alcohol	CCAL %D	59.4%	<25%	ND(1.0) J	
						bis(2-Ethylhexyl)phthalate	CCAL %D	61.9%	<25%	ND(0.50) J	
						Butylbenzylphthalate	CCAL %D	69.5%	<25%	ND(0.51) J	
						Pronamide	CCAL %D	26.4%	<25%	ND(0.51) J	
						Pyrene	CCAL %D	46.7%	<25%	4.7 J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.51) J	
						Safrole	CCAL %D	86.2%	<25%	ND(0.51) J	
4L0P069	3C-A9-1 (1 - 3)	12/2/2004	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	33.7%	<25%	ND(0.40) J	
						2,4,5-Trichlorophenol	CCAL %D	35.0%	<25%	ND(0.40) J	
						2,4-Dinitrophenol	CCAL %D	31.2%	<25%	ND(2.0) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.40) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.7%	<25%	ND(0.40) J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4L0P069	3C-A9-1 (1 - 3)	12/2/2004	Soil	Tier II	Yes	4-Nitroaniline	CCAL %D	36.1%	<25%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.80) J	
						a,a'-Dimethylphenethylamine	CCAL %D	65.2%	<25%	ND(0.80) J	
						Aramite	CCAL %D	99.9%	<25%	ND(0.80) J	
						Benzidine	CCAL %D	27.3%	<25%	ND(0.80) J	
						Benzyl Alcohol	CCAL %D	59.4%	<25%	ND(0.80) J	
						bis(2-Ethylhexyl)phthalate	CCAL %D	61.9%	<25%	ND(0.39) J	
						Butylbenzylphthalate	CCAL %D	69.5%	<25%	ND(0.40) J	
						Pronamide	CCAL %D	26.4%	<25%	ND(0.40) J	
						Pyrene	CCAL %D	46.7%	<25%	3.6 J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.40) J	
						Safrole	CCAL %D	86.2%	<25%	ND(0.40) J	
4L0P069	3C-A9-1 (3 - 5)	12/2/2004	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	76.6%	<25%	ND(2.2) J	
						2,4-Dinitrophenol	CCAL RRF	0.012	>0.05	ND(2.2) J	
						3-Methylcholanthrene	CCAL %D	35.0%	<25%	ND(0.87) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.43) J	
						4-Nitroaniline	CCAL %D	35.2%	<25%	ND(2.2) J	
						4-Nitrophenol	CCAL %D	27.8%	<25%	ND(2.2) J	
						4-Nitroquinoline-1-oxide	CCAL %D	44.6%	<25%	ND(0.87) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.009	>0.05	ND(0.87) J	
						a,a'-Dimethylphenethylamine	CCAL %D	29.7%	<25%	ND(0.87) J	
						Anthracene	CCAL %D	99.9%	<25%	ND(0.43) J	
						Benzidine	CCAL %D	68.5%	<25%	ND(0.87) J	
						Benzyl Alcohol	CCAL %D	63.6%	<25%	ND(0.87) J	
						bis(2-Ethylhexyl)phthalate	CCAL %D	25.6%	<25%	ND(0.43) J	
						Butylbenzylphthalate	CCAL %D	35.9%	<25%	ND(0.43) J	
						Hexachlorocyclopentadiene	CCAL %D	69.1%	<25%	ND(0.43) J	
						N-Nitroso-di-n-butylamine	CCAL %D	28.2%	<25%	ND(0.87) J	
						Pronamide	CCAL %D	31.9%	<25%	ND(0.43) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.43) J	
						Safrole	CCAL %D	52.6%	<25%	ND(0.43) J	
						Thionazin	CCAL %D	30.9%	<25%	ND(0.43) J	
4L0P069	3C-A9-10 (0 - 1)	12/2/2004	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	76.6%	<25%	ND(2.2) J	
						2,4-Dinitrophenol	CCAL RRF	0.012	>0.05	ND(2.2) J	
						3-Methylcholanthrene	CCAL %D	35.0%	<25%	ND(0.85) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.42) J	
						4-Nitroaniline	CCAL %D	35.2%	<25%	ND(2.2) J	
						4-Nitrophenol	CCAL %D	27.8%	<25%	ND(2.2) J	
						4-Nitroquinoline-1-oxide	CCAL %D	44.6%	<25%	ND(0.85) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.009	>0.05	ND(0.85) J	
						a,a'-Dimethylphenethylamine	CCAL %D	29.7%	<25%	ND(0.85) J	
						Anthracene	CCAL %D	99.9%	<25%	0.30 J	
						Benzidine	CCAL %D	68.5%	<25%	ND(0.85) J	
						Benzyl Alcohol	CCAL %D	63.6%	<25%	ND(0.85) J	
						bis(2-Ethylhexyl)phthalate	CCAL %D	25.6%	<25%	ND(0.42) J	
						Butylbenzylphthalate	CCAL %D	35.9%	<25%	ND(0.42) J	
						Hexachlorocyclopentadiene	CCAL %D	69.1%	<25%	ND(0.42) J	
						N-Nitroso-di-n-butylamine	CCAL %D	28.2%	<25%	ND(0.85) J	
						Pronamide	CCAL %D	31.9%	<25%	ND(0.42) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.42) J	
						Safrole	CCAL %D	52.6%	<25%	ND(0.42) J	
						Thionazin	CCAL %D	30.9%	<25%	ND(0.42) J	
4L0P069	3C-A9-10 (1 - 2)	12/2/2004	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	76.6%	<25%	ND(2.1) J	
						2,4-Dinitrophenol	CCAL RRF	0.012	>0.05	ND(2.1) J	
						3-Methylcholanthrene	CCAL %D	35.0%	<25%	ND(0.82) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.41) J	
						4-Nitroaniline	CCAL %D	35.2%	<25%	ND(2.1) J	
						4-Nitrophenol	CCAL %D	27.8%	<25%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL %D	44.6%	<25%	ND(0.82) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.009	>0.05	ND(0.82) J	
						a,a'-Dimethylphenethylamine	CCAL %D	29.7%	<25%	ND(0.82) J	
						Anthracene	CCAL %D	99.9%	<25%	ND(0.41) J	
						Benzidine	CCAL %D	68.5%	<25%	ND(0.82) J	
						Benzyl Alcohol	CCAL %D	63.6%	<25%	ND(0.82) J	
						bis(2-Ethylhexyl)phthalate	CCAL %D	25.6%	<25%	ND(0.40) J	
						Butylbenzylphthalate	CCAL %D	35.9%	<25%	ND(0.41) J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4L0P069	3C-A9-10 (1 - 2)	12/2/2004	Soil	Tier II	Yes	Hexachlorocyclopentadiene	CCAL %D	69.1%	<25%	ND(0.41) J	
						N-Nitroso-di-n-butylamine	CCAL %D	28.2%	<25%	ND(0.82) J	
						Pronamide	CCAL %D	31.9%	<25%	ND(0.41) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.41) J	
						Safrole	CCAL %D	52.6%	<25%	ND(0.41) J	
						Thionazin	CCAL %D	30.9%	<25%	ND(0.41) J	
4L0P069	3C-A9-12 (0 - 1)	12/2/2004	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	33.7%	<25%	ND(0.40) J	
						2,4,5-Trichlorophenol	CCAL %D	35.0%	<25%	ND(0.40) J	
						2,4-Dinitrophenol	CCAL %D	31.2%	<25%	ND(2.0) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.40) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.7%	<25%	ND(0.40) J	
						4-Nitroaniline	CCAL %D	36.1%	<25%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.81) J	
						a,a'-Dimethylphenethylamine	CCAL %D	65.2%	<25%	ND(0.81) J	
						Aramite	CCAL %D	99.9%	<25%	ND(0.81) J	
						Benzidine	CCAL %D	27.3%	<25%	ND(0.81) J	
						Benzyl Alcohol	CCAL %D	59.4%	<25%	ND(0.81) J	
						bis(2-Ethylhexyl)phthalate	CCAL %D	61.9%	<25%	ND(0.40) J	
						Butylbenzylphthalate	CCAL %D	69.5%	<25%	ND(0.40) J	
						Pronamide	CCAL %D	26.4%	<25%	ND(0.40) J	
						Pyrene	CCAL %D	46.7%	<25%	0.46 J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.40) J	
						Safrole	CCAL %D	86.2%	<25%	ND(0.40) J	
4L0P069	3C-A9-12 (1 - 2)	12/2/2004	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	33.7%	<25%	ND(0.39) J	
						2,4,5-Trichlorophenol	CCAL %D	35.0%	<25%	ND(0.39) J	
						2,4-Dinitrophenol	CCAL %D	31.2%	<25%	ND(2.0) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.39) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.7%	<25%	ND(0.39) J	
						4-Nitroaniline	CCAL %D	36.1%	<25%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.78) J	
						a,a'-Dimethylphenethylamine	CCAL %D	65.2%	<25%	ND(0.78) J	
						Aramite	CCAL %D	99.9%	<25%	ND(0.78) J	
						Benzidine	CCAL %D	27.3%	<25%	ND(0.78) J	
						Benzyl Alcohol	CCAL %D	59.4%	<25%	ND(0.78) J	
						bis(2-Ethylhexyl)phthalate	CCAL %D	61.9%	<25%	ND(0.38) J	
						Butylbenzylphthalate	CCAL %D	69.5%	<25%	ND(0.39) J	
						Pronamide	CCAL %D	26.4%	<25%	ND(0.39) J	
						Pyrene	CCAL %D	46.7%	<25%	ND(0.39) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.39) J	
						Safrole	CCAL %D	86.2%	<25%	ND(0.39) J	
4L0P069	3C-A9-6 (0 - 1)	12/2/2004	Soil	Tier II	Yes	2,4-Dinitrophenol	CCAL %D	76.6%	<25%	ND(2.0) J	
						2,4-Dinitrophenol	CCAL RRF	0.012	>0.05	ND(2.0) J	
						3-Methylcholanthrene	CCAL %D	35.0%	<25%	ND(0.79) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.40) J	
						4-Nitroaniline	CCAL %D	35.2%	<25%	ND(2.0) J	
						4-Nitrophenol	CCAL %D	27.8%	<25%	ND(2.0) J	
						4-Nitroquinoline-1-oxide	CCAL %D	44.6%	<25%	ND(0.79) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.009	>0.05	ND(0.79) J	
						a,a'-Dimethylphenethylamine	CCAL %D	29.7%	<25%	ND(0.79) J	
						Anthracene	CCAL %D	99.9%	<25%	0.20 J	
						Benzidine	CCAL %D	68.5%	<25%	ND(0.79) J	
						Benzyl Alcohol	CCAL %D	63.6%	<25%	ND(0.79) J	
						Butylbenzylphthalate	CCAL %D	35.9%	<25%	ND(0.40) J	
						Hexachlorocyclopentadiene	CCAL %D	69.1%	<25%	ND(0.40) J	
						N-Nitroso-di-n-butylamine	CCAL %D	28.2%	<25%	ND(0.79) J	
						Pronamide	CCAL %D	31.9%	<25%	ND(0.40) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.40) J	
						Safrole	CCAL %D	52.6%	<25%	ND(0.40) J	
						Thionazin	CCAL %D	30.9%	<25%	ND(0.40) J	
4L0P069	3C-A9-6 (1 - 2)	12/2/2004	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	33.7%	<25%	ND(0.37) J	
						2,4,5-Trichlorophenol	CCAL %D	35.0%	<25%	ND(0.37) J	
						2,4-Dinitrophenol	CCAL %D	31.2%	<25%	ND(1.9) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.37) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.7%	<25%	ND(0.37) J	
						4-Nitroaniline	CCAL %D	36.1%	<25%	ND(1.9) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.74) J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4L0P069	3C-A9-6 (1 - 2)	12/2/2004	Soil	Tier II	Yes	a,a-Dimethylphenethylamine	CCAL %D	65.2%	<25%	ND(0.74) J	
						Aramite	CCAL %D	99.9%	<25%	ND(0.74) J	
						Benzidine	CCAL %D	27.3%	<25%	ND(0.74) J	
						Benzyl Alcohol	CCAL %D	59.4%	<25%	ND(0.74) J	
						bis(2-Ethylhexyl)phthalate	CCAL %D	61.9%	<25%	ND(0.36) J	
						Butylbenzylphthalate	CCAL %D	69.5%	<25%	ND(0.37) J	
						Pronamide	CCAL %D	26.4%	<25%	ND(0.37) J	
						Pyrene	CCAL %D	46.7%	<25%	ND(0.37) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.37) J	
						Safrole	CCAL %D	86.2%	<25%	ND(0.37) J	
4L0P069	3C-DUP-19 (1 - 2)	12/2/2004	Soil	Tier II	Yes	1,3,5-Trinitrobenzene	CCAL %D	33.7%	<25%	ND(0.40) J	3C-A9-10
						2,4,5-Trichlorophenol	CCAL %D	35.0%	<25%	ND(0.40) J	
						2,4-Dinitrophenol	CCAL %D	31.2%	<25%	ND(2.1) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.40) J	
						4,6-Dinitro-2-methylphenol	CCAL %D	26.7%	<25%	ND(0.40) J	
						4-Nitroaniline	CCAL %D	36.1%	<25%	ND(2.1) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.022	>0.05	ND(0.82) J	
						a,a-Dimethylphenethylamine	CCAL %D	65.2%	<25%	ND(0.82) J	
						Aramite	CCAL %D	99.9%	<25%	ND(0.82) J	
						Benzidine	CCAL %D	27.3%	<25%	ND(0.82) J	
						Benzyl Alcohol	CCAL %D	59.4%	<25%	ND(0.82) J	
						bis(2-Ethylhexyl)phthalate	CCAL %D	61.9%	<25%	ND(0.40) J	
						Butylbenzylphthalate	CCAL %D	69.5%	<25%	ND(0.40) J	
						Pronamide	CCAL %D	26.4%	<25%	ND(0.40) J	
						Pyrene	CCAL %D	46.7%	<25%	1.5 J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.40) J	
						Safrole	CCAL %D	86.2%	<25%	ND(0.40) J	
4L0P116	3D-A9-2 (0 - 1)	12/2/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	30.6%	<25%	ND(0.41) J	
						2,4-Dinitrophenol	CCAL RRF	0.046	>0.05	ND(2.1) J	
						3-Methylcholanthrene	CCAL %D	32.9%	<25%	ND(0.82) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.41) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.016	>0.05	ND(0.82) J	
						a,a-Dimethylphenethylamine	CCAL %D	39.9%	<25%	ND(0.82) J	
						N-Nitrosodimethylamine	CCAL %D	26.5%	<25%	ND(0.41) J	
						Pronamide	CCAL %D	37.8%	<25%	ND(0.41) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.41) J	
						Safrole	CCAL %D	30.2%	<25%	ND(0.41) J	
						Thionazin	CCAL %D	42.0%	<25%	ND(0.41) J	
4L0P116	3D-A9-2 (1 - 3)	12/2/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	30.6%	<25%	ND(0.41) J	
						2,4-Dinitrophenol	CCAL RRF	0.046	>0.05	ND(2.1) J	
						3-Methylcholanthrene	CCAL %D	32.9%	<25%	ND(0.83) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.41) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.016	>0.05	ND(0.83) J	
						a,a-Dimethylphenethylamine	CCAL %D	39.9%	<25%	ND(0.83) J	
						N-Nitrosodimethylamine	CCAL %D	26.5%	<25%	ND(0.41) J	
						Pronamide	CCAL %D	37.8%	<25%	ND(0.41) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.41) J	
						Safrole	CCAL %D	30.2%	<25%	ND(0.41) J	
						Thionazin	CCAL %D	42.0%	<25%	ND(0.41) J	
4L0P116	3D-A9-2 (3 - 5)	12/2/2004	Soil	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	30.6%	<25%	ND(0.36) J	
						2,4-Dinitrophenol	CCAL RRF	0.046	>0.05	ND(1.9) J	
						3-Methylcholanthrene	CCAL %D	32.9%	<25%	ND(0.73) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.36) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.016	>0.05	ND(0.73) J	
						a,a-Dimethylphenethylamine	CCAL %D	39.9%	<25%	ND(0.73) J	
						N-Nitrosodimethylamine	CCAL %D	26.5%	<25%	ND(0.36) J	
						Pronamide	CCAL %D	37.8%	<25%	ND(0.36) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.36) J	
						Safrole	CCAL %D	30.2%	<25%	ND(0.36) J	
						Thionazin	CCAL %D	42.0%	<25%	ND(0.36) J	
4L0P116	RB-120404-1	12/2/2004	Water	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	30.6%	<25%	ND(0.010) J	
						2,4-Dinitrophenol	CCAL RRF	0.046	>0.05	ND(0.050) J	
						3-Methylcholanthrene	CCAL %D	32.9%	<25%	ND(0.010) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.016	>0.05	ND(0.010) J	
						a,a-Dimethylphenethylamine	CCAL %D	39.9%	<25%	ND(0.010) J	

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
SVOCs (continued)											
4L0P116	RB-120404-1	12/2/2004	Water	Tier II	Yes	N-Nitrosodimethylamine	CCAL %D	26.5%	<25%	ND(0.010) J	
						Pronamide	CCAL %D	37.8%	<25%	ND(0.010) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.010) J	
						Safrole	CCAL %D	30.2%	<25%	ND(0.010) J	
						Thionazin	CCAL %D	42.0%	<25%	ND(0.010) J	
4L0P116	RB-120404-2	12/2/2004	Water	Tier II	Yes	2,4,5-Trichlorophenol	CCAL %D	30.6%	<25%	ND(0.010) J	
						2,4-Dinitrophenol	CCAL RRF	0.046	>0.05	ND(0.050) J	
						3-Methylcholanthrene	CCAL %D	32.9%	<25%	ND(0.010) J	
						4,6-Dinitro-2-methylphenol	ICAL RRF	0.005	>0.05	ND(0.050) J	
						4-Nitroquinoline-1-oxide	CCAL RRF	0.016	>0.05	ND(0.010) J	
						a,a'-Dimethylphenethylamine	CCAL %D	39.9%	<25%	ND(0.010) J	
						N-Nitrosodimethylamine	CCAL %D	26.5%	<25%	ND(0.010) J	
						Pronamide	CCAL %D	37.8%	<25%	ND(0.010) J	
						Safrole	ICAL RRF	0.031	>0.05	ND(0.010) J	
						Safrole	CCAL %D	30.2%	<25%	ND(0.010) J	
						Thionazin	CCAL %D	42.0%	<25%	ND(0.010) J	
PCDDs/PCDFs											
4L0P013	3C-A9-13 (0 - 1)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-A9-13 (1 - 3)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-A9-13 (3 - 5)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-A9-14 (0 - 1)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-A9-14 (1 - 3)	11/30/2004	Soil	Tier II	Yes	1,2,3,4,7,8-HxCDF	Field Duplicate RPD (Soil)	84.9%	<50%	0.0000021 J	
						1,2,3,7,8-PeCDF	Field Duplicate RPD (Soil)	200.0%	<50%	ND(0.00000090) J	
						HxCDFs (total)	Field Duplicate RPD (Soil)	62.9%	<50%	0.0000046 J	
						HxCDFs (total)	Field Duplicate RPD (Soil)	93.1%	<50%	0.0000062 J	
						PeCDFs (total)	Field Duplicate RPD (Soil)	81.7%	<50%	0.0000021 J	
						TCDFs (total)	Field Duplicate RPD (Soil)	170.5%	<50%	0.00000074 J	
4L0P013	3C-A9-14 (3 - 5)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-A9-15 (0 - 1)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-A9-15 (1 - 3)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-A9-16 (0 - 1)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-A9-16 (1 - 3)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-A9-16 (5 - 7)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-DUP-15 (1 - 3)	11/30/2004	Soil	Tier II	Yes	1,2,3,4,7,8-HxCDF	Field Duplicate RPD (Soil)	84.9%	<50%	0.0000052 J	3C-A9-14
						1,2,3,7,8-PeCDF	Field Duplicate RPD (Soil)	200.0%	<50%	0.0000013 J	
						HxCDFs (total)	Field Duplicate RPD (Soil)	62.9%	<50%	0.0000024 J	
						HxCDFs (total)	Field Duplicate RPD (Soil)	93.1%	<50%	0.0000017 J	
						PeCDFs (total)	Field Duplicate RPD (Soil)	81.7%	<50%	0.0000050 J	
						TCDFs (total)	Field Duplicate RPD (Soil)	170.5%	<50%	0.0000093 J	
4L0P013	RB-113004-1	11/30/2004	Soil	Tier II	No						
4L0P013	RB-113004-2	11/30/2004	Soil	Tier II	No						
4L0P043	3D-A9-1 (0 - 1)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-1 (1 - 3)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-10 (0 - 1)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-10 (1 - 3)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-10 (3 - 5)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-11 (0 - 1)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-11 (1 - 3)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-12 (0 - 1)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-12 (1 - 3)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-3 (0 - 1)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-3 (1 - 3)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-4 (0 - 1)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-4 (1 - 3)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-5 (0 - 1)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-5 (1 - 3)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-5 (3 - 5)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-7 (0 - 1)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-7 (1 - 3)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-7 (3 - 5)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-8 (0 - 1)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-8 (1 - 3)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-9 (0 - 1)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-A9-9 (1 - 3)	12/1/2004	Soil	Tier I	No						
4L0P043	3D-DUP-18 (3 - 5)	12/1/2004	Soil	Tier I	No						3D-A9-10
4L0P043	RB-120104-1	12/1/2004	Water	Tier I	No						

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D

GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
(Results are presented in parts per million, ppm)

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
PCDDs/PCDFs (continued)											
4L0P044	3C-DUP-17 (0 - 1)	11/30/2004	Soil	Tier II	Yes	TCDFs (total)	Field Duplicate RPD (Soil)	78.0%	<50%	0.000036 J	
4L0P045	3D-A9-13 (0 - 1)	12/1/2004	Soil	Tier I	No						
4L0P045	3D-A9-13 (1 - 3)	12/1/2004	Soil	Tier I	No						
4L0P045	3D-A9-14 (0 - 1)	12/1/2004	Soil	Tier I	No						
4L0P045	3D-A9-14 (1 - 3)	12/1/2004	Soil	Tier I	No						
4L0P045	3D-A9-14 (3 - 5)	12/1/2004	Soil	Tier I	No						
4L0P045	3D-A9-15 (0 - 1)	12/1/2004	Soil	Tier I	No						
4L0P045	3D-A9-15 (1 - 3)	12/1/2004	Soil	Tier I	No						
4L0P045	3D-A9-16 (0 - 1)	12/1/2004	Soil	Tier I	No						
4L0P069	3C-A9-1 (0 - 1)	12/2/2004	Soil	Tier II	No						
4L0P069	3C-A9-1 (1 - 3)	12/2/2004	Soil	Tier II	No						
4L0P069	3C-A9-1 (3 - 5)	12/2/2004	Soil	Tier II	No						
4L0P069	3C-A9-10 (0 - 1)	12/2/2004	Soil	Tier II	No						
4L0P069	3C-A9-10 (1 - 2)	12/2/2004	Soil	Tier II	Yes	HxCDFs (total)	Field Duplicate RPD (Soil)	200.0%	<50%	0.0000098 J	
4L0P069	3C-A9-12 (0 - 1)	12/2/2004	Soil	Tier II	No						
4L0P069	3C-A9-12 (1 - 2)	12/2/2004	Soil	Tier II	No						
4L0P069	3C-A9-6 (0 - 1)	12/2/2004	Soil	Tier II	No						
4L0P069	3C-A9-6 (1 - 2)	12/2/2004	Soil	Tier II	No						
4L0P069	3C-DUP-19 (1 - 2)	12/2/2004	Soil	Tier II	Yes	HxCDFs (total)	Field Duplicate RPD (Soil)	200.0%	<50%	ND(0.0000035) J	3C-A9-10
4L0P116	3D-A9-2 (0 - 1)	12/2/2004	Soil	Tier II	No						
4L0P116	3D-A9-2 (1 - 3)	12/2/2004	Soil	Tier II	No						
4L0P116	3D-A9-2 (3 - 5)	12/2/2004	Soil	Tier II	No						
4L0P116	RB-120404-1	12/2/2004	Water	Tier II	No						
4L0P116	RB-120404-2	12/2/2004	Water	Tier II	No						
Cyanides/Sulfides											
4L0P013	3C-A9-13 (0 - 1)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-A9-13 (1 - 3)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-A9-13 (3 - 5)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-A9-14 (0 - 1)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-A9-14 (1 - 3)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-A9-14 (3 - 5)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-A9-15 (0 - 1)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-A9-15 (1 - 3)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-A9-16 (0 - 1)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-A9-16 (1 - 3)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-A9-16 (5 - 7)	11/30/2004	Soil	Tier II	No						
4L0P013	3C-DUP-15 (1 - 3)	11/30/2004	Soil	Tier II	No						3C-A9-14
4L0P013	RB-113004-1	11/30/2004	Water	Tier II	No						
4L0P013	RB-113004-2	11/30/2004	Water	Tier II	No						
4L0P043	3D-A9-1 (0 - 1)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-1 (1 - 3)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-10 (0 - 1)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-10 (1 - 3)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-10 (3 - 5)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-11 (0 - 1)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-11 (1 - 3)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-12 (0 - 1)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-12 (1 - 3)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-3 (0 - 1)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-3 (1 - 3)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-4 (0 - 1)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-4 (1 - 3)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-5 (0 - 1)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-5 (1 - 3)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-5 (3 - 5)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-7 (0 - 1)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-7 (1 - 3)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-7 (3 - 5)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-8 (0 - 1)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-8 (1 - 3)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-9 (0 - 1)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-A9-9 (1 - 3)	12/1/2004	Soil	Tier II	No						
4L0P043	3D-DUP-18 (3 - 5)	12/1/2004	Soil	Tier II	No						3D-A9-10
4L0P043	RB-120104-1	12/1/2004	Water	Tier II	No						
4L0P043	RB-120104-2	12/1/2004	Water	Tier II	No						
4L0P044	3C-A9-11 (0 - 1)	11/30/2004	Soil	Tier II	No						

TABLE B - 1
ANALYTICAL DATA VALIDATION SUMMARY
SECOND INTERIM PRE-DESIGN INVESTIGATION REPORT - PHASE 3 FLOODPLAIN PROPERTIES, GROUPS 3C AND 3D
GENERAL ELECTRIC COMPANY - PITTSFIELD, MASSACHUSETTS
 (Results are presented in parts per million, ppm)

Sample Delivery Group No.	Sample ID	Date Collected	Matrix	Validation Level	Qualification	Compound	QA/QC Parameter	Value	Control Limits	Qualified Result	Notes
Cyanides/Sulfides (continued)											
4L0P044	3C-A9-2 (0 - 1)	11/30/2004	Soil	Tier II	No						
4L0P044	3C-A9-2 (1 - 3)	11/30/2004	Soil	Tier II	No						
4L0P044	3C-A9-3 (0 - 1)	11/30/2004	Soil	Tier II	No						
4L0P044	3C-A9-3 (1 - 3)	11/30/2004	Soil	Tier II	No						
4L0P044	3C-A9-4 (0 - 1)	11/30/2004	Soil	Tier II	No						
4L0P044	3C-A9-4 (1 - 2)	11/30/2004	Soil	Tier II	No						
4L0P044	3C-A9-5 (0 - 1)	11/30/2004	Soil	Tier II	No						
4L0P044	3C-A9-7 (0 - 1)	11/30/2004	Soil	Tier II	No						
4L0P044	3C-A9-7 (1 - 3)	11/30/2004	Soil	Tier II	No						
4L0P044	3C-A9-8 (0 - 1)	11/30/2004	Soil	Tier II	No						
4L0P044	3C-A9-9 (0 - 1)	11/30/2004	Soil	Tier II	No						
4L0P044	3C-A9-9 (1 - 3)	11/30/2004	Soil	Tier II	No						
4L0P044	3C-DUP-17 (0 - 1)	11/30/2004	Soil	Tier II	No						3C-A9-7
4L0P045	3D-A9-13 (0 - 1)	12/1/2004	Soil	Tier II	No						
4L0P045	3D-A9-13 (1 - 3)	12/1/2004	Soil	Tier II	No						
4L0P045	3D-A9-14 (0 - 1)	12/1/2004	Soil	Tier II	No						
4L0P045	3D-A9-14 (1 - 3)	12/1/2004	Soil	Tier II	No						
4L0P045	3D-A9-14 (3 - 5)	12/1/2004	Soil	Tier II	No						
4L0P045	3D-A9-15 (0 - 1)	12/1/2004	Soil	Tier II	No						
4L0P045	3D-A9-15 (1 - 3)	12/1/2004	Soil	Tier II	No						
4L0P045	3D-A9-6 (0 - 1)	12/1/2004	Soil	Tier II	No						
4L0P069	3C-A9-1 (0 - 1)	12/2/2004	Soil	Tier II	No						
4L0P069	3C-A9-1 (1 - 3)	12/2/2004	Soil	Tier II	No						
4L0P069	3C-A9-1 (3 - 5)	12/2/2004	Soil	Tier II	No						
4L0P069	3C-A9-10 (0 - 1)	12/2/2004	Soil	Tier II	No						
4L0P069	3C-A9-10 (1 - 2)	12/2/2004	Soil	Tier II	No						
4L0P069	3C-A9-12 (0 - 1)	12/2/2004	Soil	Tier II	No						
4L0P069	3C-A9-12 (1 - 2)	12/2/2004	Soil	Tier II	No						
4L0P069	3C-A9-6 (0 - 1)	12/2/2004	Soil	Tier II	No						
4L0P069	3C-A9-6 (1 - 2)	12/2/2004	Soil	Tier II	No						
4L0P069	3C-DUP-19 (1 - 2)	12/2/2004	Soil	Tier II	No						3C-A9-10
4L0P116	3D-A9-2 (0 - 1)	12/2/2004	Soil	Tier II	No						
4L0P116	3D-A9-2 (1 - 3)	12/2/2004	Soil	Tier II	No						
4L0P116	3D-A9-2 (3 - 5)	12/2/2004	Soil	Tier II	No						
4L0P116	RB-120404-1	12/2/2004	Water	Tier II	No						
4L0P116	RB-120404-2	12/2/2004	Water	Tier II	No						